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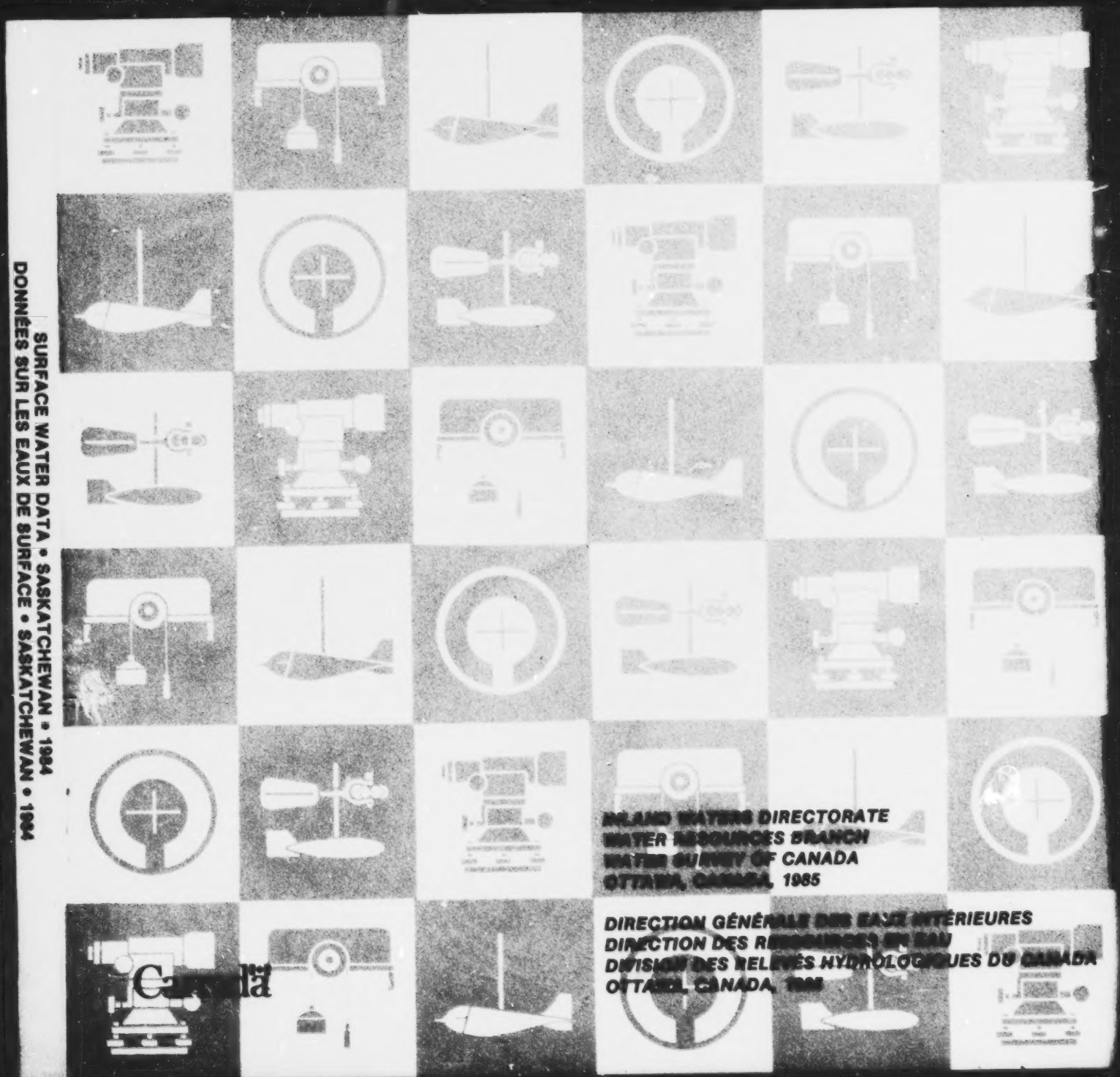
Surface Water Data

Saskatchewan

Données sur les eaux de surface

1984



SURFACE WATER DATA • SASKATCHEWAN • 1984
DONNÉES SUR LES EAUX DE SURFACE • SASKATCHEWAN • 1984

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1985

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1985

Canada

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Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

Environment Canada | Environnement Canada

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Regina, Saskatchewan.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Regina (Saskatchewan).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1984 calendar year, the results of the hydrometric survey investigations which were made in Saskatchewan by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
G.M.C. Building,
1102-8th Avenue,
Regina, Saskatchewan.
S4R 1C9

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1984, the hydrometric surveys in Saskatchewan were conducted by the Water Survey of Canada under agreement with the Province of Saskatchewan. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1984, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Saskatchewan.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice G.M.C.
1102, Huitième avenue
Regina (Saskatchewan)
S4R 1C9

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1984, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Saskatchewan en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

Stream measurement work was carried on between 1894 and 1908 in connection with the Canadian Irrigation Surveys. Early in 1909 the Hydrometric Survey was organized as part of the Forestry and Irrigation Branch and was conducted by the Branch until 1911. The Hydrometric Survey was then assigned to the Irrigation Branch (later the Reclamation Service) remaining in that organization until July, 1920, when it was transferred to the Dominion Water Power Branch. Following the transfer of the natural resources of Saskatchewan to provincial control as of October 1, 1930, a co-operative agreement was arranged with the Government of Saskatchewan for the continuance of the hydrometric survey by the federal government. Although this agreement was terminated in 1933 work was continued by the federal government under letter arrangement until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Saskatchewan on February 18, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis.

Entre 1894 et 1908, des relevés ont été effectués en même temps que les levés canadiens relatifs à l'irrigation. Au début de l'année 1909, un service des relevés hydrométriques a été créé au sein de la Direction des forêts et de l'irrigation, qui s'en est occupée jusqu'en 1911. L'exécution de ces relevés a ensuite été confiée à la Direction de l'irrigation (devenue plus tard le Service de la mise en valeur des terres), et ce jusqu'en juillet 1920, date à laquelle la Direction fédérale de l'énergie hydraulique en a pris charge. Après que la responsabilité des ressources naturelles de la Saskatchewan a passé à cette dernière, le 1er octobre 1930, un accord de coopération a été conclu avec son gouvernement, aux termes duquel le gouvernement fédéral s'est engagé à poursuivre l'exécution des relevés hydrométriques. L'accord a pris fin en 1933, mais en vertu d'une lettre d'entente, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 18 février 1975, le gouvernement de la Saskatchewan a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Agriculture Canada, PFRA.

Provincial – Saskatchewan Power Corporation;
Saskatchewan Research Council;
Saskatchewan Department of the Environment.

Private – Churchill River Power Company;
University of Saskatchewan.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Agriculture Canada (ARAP).

Niveau provincial – *Saskatchewan Power Corporation*,
Conseil de recherche de la Saskatchewan,
Ministère de l'Environnement de la Saskatchewan.

Secteur privé – *Churchill River Power Company*,
Université de la Saskatchewan.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980, are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ADAMS LAKE - STATION NO. 11AB005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	1185.087	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	1186.974	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	1187.335E	1187.365E	1187.455E	1187.310E	1186.895E	1186.530E	1186.220E	1185.080E	---	---	9
10	---	---	---	---	---	---	---	---	1188.215	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	1187.400E	---	1187.170E	---	---	1188.130E	---	---	---	19
20	---	1187.351	1187.320E	---	1187.460E	---	1186.755E	1186.420E	---	1185.180E	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	1187.351E	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	1185.280E	---	---	26
27	---	---	1187.315	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	1187.340E	---	1187.448E	1187.473	1187.030E	---	---	1185.090E	1185.298	---	---	29
30	---	---	1187.325E	1187.450	1187.460E	1187.020E	1186.830	1186.320E	1185.088E	---	---	---	30
31	---	---	1187.330E	---	1187.450E	---	1186.620E	1186.310E	---	1185.300E	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 38 33 N
LONG 109 50 14 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ALCOTT CREEK ABOVE MEADOW LAKE - STATION NO. 06AD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.020B	0.331B	0.093	2.77	0.228	0.014	0.006	0.079	0.198B	---	1
2	---	---	0.020B	0.619B	0.063	3.26	0.170	0.008	0.007	0.070	0.122B	---	2
3	---	---	0.020B	0.389B	0.063	2.84	0.091	0.010	0.005	0.066	0.186B	---	3
4	---	---	0.020B	0.502B	0.128	2.30	0.067	0.012	0.004	0.063	0.180B	---	4
5	---	---	0.020B	0.592B	0.111	1.94	0.044	0.024	0.005	0.073	0.168B	---	5
6	---	---	0.020B	0.540	0.090	1.54	0.037	0.062	0.003	0.102	---	---	6
7	---	---	0.020B	0.550	0.105	2.18	0.044	0.125	0.007	0.095	---	---	7
8	---	---	0.020B	0.480	0.113	5.03	0.089	0.195	0.008	0.079	---	---	8
9	---	---	0.020B	0.641	0.134	11.6	0.101	0.133	0.007	0.087	---	---	9
10	---	---	0.020B	0.650	0.187	20.9	0.097	0.083	0.009	0.088	---	---	10
11	---	---	0.020B	0.737	0.246	17.6	0.073	0.052	0.007	0.084	---	---	11
12	---	---	0.020B	0.749	0.224	12.3	0.046	0.032	0.007	0.101	---	---	12
13	---	---	0.020B	0.885	0.270	8.55	0.068	0.028	0.009	0.105	---	---	13
14	---	---	0.020B	0.680	0.235	6.52	0.284	0.029	0.007	0.093	---	---	14
15	---	---	0.020B	0.609	0.272	5.47	0.573	0.022	0.009	0.087	---	---	15
16	---	---	0.021B	0.528	0.411	4.47	0.520	0.082	0.009	0.117	---	---	16
17	---	---	0.021B	0.525	1.28	3.56	0.518	0.043	0.005	0.213	---	---	17
18	---	---	0.021B	0.487	3.24	2.52	0.426	0.026	0.008	0.344	---	---	18
19	---	---	0.022B	0.478	4.33	1.74	0.306	0.020	0.011	0.348	---	---	19
20	---	---	0.023B	0.383	5.47	1.41	0.188	0.017	0.007	0.342	---	---	20
21	---	---	0.024B	0.342	4.68	1.36	0.110	0.015	0.011	0.305	---	---	21
22	---	---	0.026B	0.233	5.02	1.21	0.075	0.010	0.061	0.322	---	---	22
23	---	---	0.030B	0.145	5.89	0.982	0.058	0.007	0.297	0.281B	---	---	23
24	---	---	0.035B	0.103	6.33	0.846	0.043	0.008	0.342	0.272B	---	---	24
25	---	---	0.050B	0.118	6.38	0.703	0.027	0.008	0.368	0.265B	---	---	25
26	---	---	0.075B	0.148	5.43	0.617	0.023	0.007	0.271	0.270B	---	---	26
27	---	---	0.100B	0.378	5.73	0.517	0.018	0.007	0.150	0.244B	---	---	27
28	---	---	0.150B	0.543	4.80	0.434	0.018	0.008	0.119	0.218B	---	---	28
29	---	---	0.225B	0.220	3.97	0.347	0.016	0.007	0.119	0.203B	---	---	29
30	---		0.330B	0.186	3.58	0.285	0.011	0.008	0.091	0.201B	---	---	30
31	---		0.455B		3.13		0.013	0.004		0.199B		---	31
TOTAL	---	---	1.908	13.562	72.956	125.901	4.388	1.085	1.989	5.417	---	---	TOTAL
MEAN	---	---	0.062	0.452	2.35	4.20	0.142	0.035	0.066	0.175	---	---	MEAN
MAX	---	---	0.455	0.749	6.43	20.9	0.573	0.198	0.368	0.348	---	---	MAX
MIN	---	---	0.020	0.103	0.063	0.285	0.011	0.004	0.003	0.063	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.827
MAXIMUM DAILY, 20.9 ON JUN 10
MINIMUM DAILY, 0.003 ON SEP 6
MAXIMUM INSTANTANEOUS,
21.7 AT 12:45 CST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 10 N
LONG 107 58 30 W
DRAINAGE AREA, 416 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	379
FEB	---	AUG	93.7
MAR	165	SEP	170
APR	1 170	OCT	468
MAY	6 300	NOV	---
JUN	10 900	DEC	---

TOTAL DISCHARGE, 19 600 dam³

REMARKS - THE STAGE-DISCHARGE RELATION IS NOT DEFINED BY MEASUREMENTS ABOVE 3.6 m³/s

ALTAWAN RESERVOIR NEAR GOVENLOCK - STATION NO 11AB069

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	894.526	894.712	895.032	890.481	890.558	890.200	889.937E	889.759	---	---	1
2	---	---	894.524	894.725	895.025	890.492	890.544	890.192	889.931E	889.752A	---	---	2
3	---	---	894.525	894.730	895.014	890.504	890.533	890.218	889.918E	889.732E	---	---	3
4	---	---	894.523	894.734	894.993	890.511	890.523	890.213	889.897E	889.716E	---	---	4
5	---	---	894.523	894.741	894.915	890.528	890.511	890.209	889.890E	889.704E	---	---	5
6	---	---	894.523	894.745	894.814	890.545	890.506	890.197	889.882E	889.688E	---	---	6
7	---	---	894.521	894.788	894.714	890.565	890.485	890.190	889.863E	889.676E	---	---	7
8	---	---	894.521	894.890	894.599	890.580	890.473	890.182	889.852E	889.658E	---	---	8
9	---	---	894.517	894.973	894.509	890.589	890.460	890.168	889.852E	889.646E	---	---	9
10	---	---	894.520	895.049	894.401	890.598	890.445	890.147	889.838E	889.628E	---	---	10
11	---	---	894.517	895.011	894.206	890.607	890.430	890.135	889.833A	889.613E	---	---	11
12	---	---	894.522	894.990	894.004	890.618	890.425	890.129	889.832	889.597E	---	---	12
13	---	---	894.522	894.964	893.776	890.625	890.414	890.123	889.826	889.585E	---	---	13
14	---	---	894.527	894.900	893.510	890.630	890.403	890.117	889.822	889.570E	---	---	14
15	---	---	894.527	894.814	893.203	890.631	890.393	890.104	889.816	889.547E	---	---	15
16	---	894.526A	894.528	894.735	892.864	890.633	890.378	890.099	889.808	889.537E	---	---	16
17	---	894.527	894.527	894.740	892.464	890.632	890.367	890.092	889.803	889.524E	---	---	17
18	---	894.521	894.530	894.754	892.079	890.629	890.351	890.042	889.795	889.508E	---	---	18
19	---	894.520	894.529	894.806	891.830	890.626	890.335	890.038	889.788	889.490E	---	---	19
20	---	894.524	894.530	894.871	891.585	890.632	890.321	890.028	889.783	889.473E	---	---	20
21	---	894.529	894.536	894.924	891.295	890.635	890.309	890.020	889.797	889.460E	---	---	21
22	---	894.528	894.540	894.965	890.886	890.636	890.295	890.010	889.797	889.443E	---	---	22
23	---	894.526	894.541	894.987	890.043	890.635	890.283	890.008	889.785	889.428E	---	---	23
24	---	894.526	894.545	895.013	889.962	890.636	890.273	889.999	889.785	889.412E	---	---	24
25	---	894.525	894.544	895.024	890.091	890.631	890.266	889.991	889.782	889.396E	---	---	25
26	---	894.526	894.561	895.028	890.188	890.624	890.255	889.983	889.776	889.380E	---	---	26
27	---	894.524	894.638	895.035	890.262	890.616	890.243	889.978	889.778	889.363E	---	---	27
28	---	894.524	894.678	895.035	890.347	890.609	890.231	889.970E	889.774	889.350E	---	---	28
29	---	894.527	894.694	895.033	890.400	890.591	890.223	889.963E	889.767	889.335E	---	---	29
30	---		894.699	895.034	890.441	890.570	890.213	889.952E	889.768	889.325A	---	---	30
31	---		894.709		890.467		890.205	889.946E		889.325E		---	31
MEAN	---	---	894.554	894.892	892.643	890.595	890.376	890.085	889.826	889.536	---	---	MEAN
MAX	---	---	894.709	895.049	895.032	890.636	890.558	890.218	889.937	889.759	---	---	MAX
MIN	---	---	894.517	894.712	889.962	890.481	890.205	889.946	889.767	889.325	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 895.049 ON APR 10

MAXIMUM INSTANTANEOUS,
895.065 AT 12:55 CST ON APR 10

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 00 N
LONG 109 55 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

AMISK LAKE NEAR FLIN FLON - STATION NO 05KG003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.447E	1.363	1.278	1.212E	1.242	1.274E	1.475E	1.543	1.380	1.302	1.265	1.267	1
2	1.447E	1.361	1.274	1.212E	1.247	1.278E	1.485E	1.540	1.378	1.294	1.263	1.266	2
3	1.447E	1.363	1.272	1.213E	1.250	1.278E	1.495E	1.536	1.367	1.289	1.265	1.266	3
4	1.447A	1.360	1.272	1.214E	1.243	1.279E	1.505E	1.532	1.364	1.287	1.267	1.265	4
5	1.440	1.358	1.264	1.215E	1.243	1.281E	1.513E	1.521	1.356	1.285	1.268	1.260	5
6	1.441	1.354	1.262	1.216E	1.248	1.283E	1.520E	1.521	1.352	1.281	1.264	1.261	6
7	1.440	1.348	1.288	1.216E	1.248	1.285E	1.526E	1.525	1.336	1.280	1.260	1.263	7
8	1.430	1.347	1.262A	1.216E	1.249	1.288E	1.532E	1.514	1.384	1.279	1.268	1.258	8
9	1.425	1.345	1.254E	1.216E	1.248	1.288E	1.538E	1.505	1.370	1.280	1.266	1.257	9
10	1.422	1.340	1.250E	1.216E	1.247	1.290E	1.545E	1.505	1.372	1.278	1.266	1.257	10
11	1.418	1.335	1.247E	1.215E	1.248	1.292E	1.549E	1.498	1.371	1.271	1.267	1.254	11
12	1.420	1.327	1.244E	1.214E	1.248	1.295E	1.553E	1.491	1.363	1.272	1.265	1.249A	12
13	1.410	1.327	1.241E	1.214E	1.253	1.298E	1.558E	1.490	1.366	1.277	1.269	1.248E	13
14	1.407	1.325	1.238E	1.215E	1.248	1.302E	1.558E	1.487	1.384	1.274	1.275	1.244E	14
15	1.408	1.320	1.235E	1.216E	1.244	1.305E	1.560E	1.484	1.365	1.282	1.286	1.242E	15
16	1.404	1.322	1.232E	1.220E	1.250	1.310E	1.562E	1.479	1.358	1.289	1.283	1.239E	16
17	1.402	1.315	1.229E	1.224E	1.251	1.317E	1.564E	1.476	1.356	1.291	1.281	1.238E	17
18	1.398	1.311	1.227E	1.229A	1.252	1.325E	1.564E	1.474	1.355	1.293	1.279	1.237E	18
19	1.390	1.313	1.225E	1.235	1.254	1.334A	1.564E	1.469	1.351	1.288	1.275	1.236E	19
20	1.388	1.313	1.222E	1.240	1.249	1.336A	1.565E	1.464	1.345	1.286	1.280	1.235E	20
21	1.389	1.310	1.220E	1.241	1.270	1.350E	1.564E	1.460	1.326	1.290	1.281	1.234E	21
22	1.383	1.308	1.218E	1.248	1.279	1.370E	1.562E	1.456	1.302	1.293	1.280	1.233E	22
23	1.383	1.305	1.216E	1.250	1.278A	1.383E	1.561E	1.452	1.331	1.287	1.280	1.232E	23
24	1.380	1.301	1.214E	1.248	1.262A	1.393E	1.559A	1.447	1.332	1.281	1.281	1.230E	24
25	1.371	1.301	1.212E	1.246	1.260E	1.405E	1.545	1.446	1.326	1.283	1.279	1.227E	25
26	1.375	1.299	1.211E	1.246	1.262E	1.417E	1.549	1.457	1.319	1.287	1.278	1.225E	26
27	1.372	1.295	1.211E	1.244	1.264E	1.428E	1.561	1.443	1.316	1.274	1.273	1.223E	27
28	1.375	1.288	1.211E	1.244	1.266E	1.438E	1.561	1.443	1.308	1.276	1.271	1.221E	28
29	1.375	1.281	1.211E	1.244	1.268E	1.448E	1.555	1.419A	1.302	1.276	1.269	1.219E	29
30	1.373		1.211E	1.244	1.270E	1.460E	1.550	1.398	1.300	1.264	1.266	1.218E	30
31	1.373		1.211E		1.272E		1.545	1.385		1.251		1.216E	31
MEAN	1.406	1.325	1.237	1.227	1.255	1.334	1.543	1.479	1.347	1.281	1.272	1.243	MEAN
MAX	1.447	1.363	1.278	1.250	1.279	1.460	1.565	1.543	1.380	1.302	1.286	1.267	MAX
MIN	1.371	1.281	1.211	1.212	1.242	1.274	1.475	1.385	1.300	1.251	1.260	1.216	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 1.330
MAXIMUM DAILY, 1.565E ON JUL 20
MINIMUM DAILY, 1.211E ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 39 53 N
LONG 102 04 56 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

ANGLIN LAKE RESERVOIR - STATION NO. 05GG005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	515.387	515.381	515.386	515.383	515.343	515.429	515.406	515.375	515.288E	515.352E	515.401E	515.370	1
2	515.387	515.382	515.385	515.385	515.342	515.437	515.404	515.372	515.300E	515.352E	515.403E	515.368	2
3	515.387	515.382	515.385	515.386	515.340	515.424	515.398	515.385	515.302A	515.351E	515.405E	515.387	3
4	515.388	515.381	515.386	515.398	515.339	515.420	515.398	515.373	515.304E	515.351E	515.406E	515.387	4
5	515.386	515.381	515.388	515.399	515.341	515.414	515.389	515.371	515.300E	515.350A	515.407A	515.363	5
6	515.385	515.380	515.390	515.400	515.337	515.409	515.381	515.380	515.310E	515.350E	515.406	515.360	6
7	515.386	515.379	515.392	515.405	515.331	515.438	515.376	515.380	515.319A	515.350E	515.406	515.360	7
8	515.385	515.378	515.391	515.411	515.329	515.470	515.372	515.377	515.335E	515.350E	515.401	515.358	8
9	515.385	515.378	515.389	515.416	515.329	515.459	515.379	515.374	515.341E	515.350A	515.399	515.356	9
10	515.385	515.379	515.388	515.413	515.338	515.497	515.376	515.383	515.337E	515.348	515.398	515.356	10
11	515.385	515.378	515.387	515.424	515.340	515.523	515.382	515.373	515.328E	515.354	515.394	515.354	11
12	515.385	515.377	515.388	515.423	515.345	515.514	515.382	515.365	515.324E	515.357	515.390	515.354	12
13	515.386	515.379	515.386	515.415	515.344	515.490	515.392	515.381	515.320A	515.355	515.393	515.352	13
14	515.383	515.381	515.387	515.409	515.340	515.459	515.405	515.386	515.323	515.356	515.397	515.348	14
15	515.384	515.383	515.387	515.403	515.341	515.449	515.402	515.358	515.316	515.369	515.397	515.353	15
16	515.382	515.383	515.387	515.397	515.344	515.483	515.409	515.359	515.319A	515.414A	515.396	515.354	16
17	515.381	515.382	515.386	515.395	515.369	515.469	515.403	515.350	515.317E	515.408E	515.393	515.350	17
18	515.382	515.382	515.386	515.391	515.412	515.451	515.405	515.344	515.314E	515.401E	515.391	515.347	18
19	515.381	515.383	515.385	515.383	515.428	515.443	515.400	515.350	515.311A	515.392A	515.389	515.346	19
20	515.379	515.382	515.386	515.374	515.445	515.463	515.410	515.348	515.328E	515.388E	515.387	515.347	20
21	515.380	515.382	515.385	515.353	515.464	515.467	515.407	515.353	515.339A	515.387E	515.384	515.345	21
22	515.381	515.383	515.387	515.348	515.480	515.465	515.399	515.340	515.373E	515.388E	515.381	515.343	22
23	515.379	515.382	515.389	515.350	515.473	515.460	515.403	515.337	515.376E	515.392E	515.380	515.339	23
24	515.381	515.383	515.390	515.352	515.473	515.452	515.398	515.339	515.384E	515.393E	515.379	515.338	24
25	515.378	515.383	515.391	515.381	515.451	515.457	515.399	515.336	515.365E	515.395A	515.376	515.338	25
26	515.379	515.382	515.392	515.380	515.441	515.452	515.396	515.330	515.357E	515.400A	515.374	515.340	26
27	515.379	515.382	515.391	515.374	515.429	515.441	515.396	515.332	515.355E	515.399E	515.372	515.340	27
28	515.378	515.383	515.391	515.369	515.421	515.427A	515.390	515.320	515.353A	515.398E	515.371	515.339	28
29	515.377	515.386	515.390	515.362	515.414	515.411	515.395	515.303A	515.353E	515.398E	515.372	515.337	29
30	515.377		515.390	515.347	515.455	515.398	515.393	515.301E	515.352E	515.357A	515.370	515.336	30
31	515.377		515.391		515.438		515.385	515.300E		515.398E		515.335	31
MEAN	515.382	515.381	515.388	515.388	515.388	515.452	515.394	515.351	515.331	515.378	515.391	515.350	MEAN
MAX	515.388	515.386	515.392	515.424	515.480	515.523	515.410	515.380	515.378	515.414	515.407	515.370	MAX
MIN	515.377	515.377	515.385	515.347	515.329	515.398	515.372	515.300	515.288	515.348	515.370	515.335	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 515.381
MAXIMUM DAILY, 515.523 ON JUN 11
MINIMUM DAILY, 515.288E ON SEP 1
MAXIMUM INSTANTANEOUS,
515.527 AT 18.09 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 39 50 N
LONG 106 00 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ANTELOPE CREEK NEAR CABRI - STATION NO. 05HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0A	---	---	30
31	---		0		0		0	0		0E		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0B AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 41 N
LONG 108 22 50 W
DRAINAGE AREA, 244 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

ANTLER RIVER NEAR WAUCHOPE - STATION NO 05NF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 041B	0 B	0	0	0	0	0	---	---	1
2	---	---	0 B	0 028B	0 004B	0	0	0	0	0	---	---	2
3	---	---	0 B	0 019B	0 004B	0	0	0	0	0	---	---	3
4	---	---	0 B	0 012B	0 001B	0	0	0	0	0	---	---	4
5	---	---	0 B	0 007B	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 004B	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 001	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0 001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 035B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 077B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 011B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 010B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 006B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 004B	0	0	0	0	0	0	0	---	---	26
27	---	---	0 002B	0 B	0	0	0	0	0	0	---	---	27
28	---	---	0 002B	0 001B	0	0	0	0	0	0	---	---	28
29	---	---	0 001B	0 001B	0	0	0	0	0	0	---	---	29
30	---		0 053B	0 B	0	0	0	0	0	0	---	---	30
31	---		0 050B		0		0	0		0		---	31
TOTAL	---	---	0 251	0 115	0 009	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 008	0 004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 077	0 041	0 004	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 002
MAXIMUM DAILY, 0 077B ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 257B AT 22 27 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 03 N
LONG 101 50 52 W
DRAINAGE AREA, 349 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	21 7	SEP	0
APR	9 94	OCT	0
MAY	0 78	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 32 4 dam³

ARCOLA INDEX RESERVOIR - STATION NO 05NC005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	28 720E	29 649	29 625	29 496	29 342	29 048	28 776	28 675	---	---	1
2	---	---	28 716E	29 647	29 625	29 486	29 334	29 038	28 772	28 669	---	---	2
3	---	---	28 712E	29 644	29 624	29 478	29 323	29 029	28 767	28 663	---	---	3
4	---	---	28 708E	29 646	29 627	29 470	29 312	29 021	28 756	28 659	---	---	4
5	---	---	28 704E	29 644	29 628	29 465	29 303	29 013	28 751	28 656	---	---	5
6	---	---	28 700E	29 641	29 629	29 464	29 293	29 004	28 744	28 655	---	---	6
7	---	---	28 696E	29 639	29 628	29 468	29 285	28 998	28 746	28 654	---	---	7
8	---	---	28 692E	29 638	29 624	29 464	29 278	28 990	28 743	28 651	---	---	8
9	---	---	28 688E	29 638	29 619	29 459	29 268	28 979	28 741	28 648	---	---	9
10	---	---	28 685E	29 637	29 617	29 452	29 256	28 968	28 737	28 646	---	---	10
11	---	---	28 682E	29 638	29 614	29 449	29 246	28 958	28 732	28 644	---	---	11
12	---	---	28 679E	29 645	29 609	29 453	29 235	28 949	28 733	28 641	---	---	12
13	---	---	28 676A	29 649	29 606	29 449	29 223	28 945	28 731	28 638	---	---	13
14	---	---	28 676	29 647	29 599	29 443	29 211	28 937	28 727	28 632	---	---	14
15	---	---	28 679	29 644	29 593	29 439	29 199	28 925	28 720	28 635	---	---	15
16	---	---	28 679	29 641	29 586	29 436	29 189	28 914	28 713	28 693	---	---	16
17	---	---	28 682	29 637	29 578	29 430	29 176	28 902	28 707	28 689	---	---	17
18	---	---	28 681	29 630	29 571	29 420	29 165	28 892	28 700	28 698	---	---	18
19	---	---	28 681	29 626	29 564	29 413	29 154	28 886	28 692	28 703	---	---	19
20	---	---	28 727	29 619	29 560	29 406	29 143	28 891	28 684	28 718	---	---	20
21	---	---	28 824	29 615	29 556	29 404	29 131	28 883	28 682	28 718	---	---	21
22	---	---	28 871	29 611	29 552	29 407	29 120	28 877	28 705	28 715	---	---	22
23	---	---	28 948	29 605	29 544	29 404	29 108	28 868	28 700	28 716	---	---	23
24	---	---	29 063	29 601	29 546	29 398	29 096	28 860	28 697	28 714	---	---	24
25	---	---	29 311	29 596	29 543	29 392	29 088	28 851	28 694	28 711	---	---	25
26	---	---	29 591	29 591	29 537	29 382	29 081	28 841	28 693	28 713	---	---	26
27	---	---	29 644	29 593	29 531	29 374	29 069	28 829	28 689	28 732	---	---	27
28	---	---	29 650	29 615	29 525	29 370	29 058	28 817	28 684	28 728	---	---	28
29	---	28 724A	29 648	29 621	29 520	29 360	29 050	28 805	28 682	28 726	---	---	29
30	---		29 649	29 624	29 515	29 350	29 044	28 792	28 677	28 720A	---	---	30
31	---		29 649		29 508		29 054	28 782		28 720E		---	31
MEAN	---	---	28 926	29 629	29 581	29 429	29 188	28 919	28 719	28 684	---	---	MEAN
MAX	---	---	29 650	29 649	29 629	29 496	29 342	29 048	28 776	28 732	---	---	MAX
MIN	---	---	28 676	29 591	29 508	29 350	29 044	28 782	28 677	28 632	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 29 650 ON MAR 28

MAXIMUM INSTANTANEOUS,
29 651 AT 21 38 CST ON MAR 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 08 N
LONG 102 34 06 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

ARM RIVER NEAR BETHUNE - STATION NO. 05JH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0095	0.3948	0.095	0.001	0.001	0	0	0	---	---	1
2	---	---	0.0118	0.3928	0.034	0.001	0.001	0	0	0	---	---	2
3	---	---	0.0118	0.4348	0.012	0.001	0.001	0	0	0	---	---	3
4	---	---	0.0128	0.4168	0.028	0.001	0.001	0	0	0	---	---	4
5	---	---	0.0158	0.4058	0.052	0.001	0	0	0	0	---	---	5
6	---	---	0.0168	0.4018	0.074	0.001	0	0	0	0	---	---	6
7	---	---	0.0228	0.4148	0.081	0.001	0	0	0	0	---	---	7
8	---	---	0.0228	0.372	0.059	0.001	0	0	0	0	---	---	8
9	---	---	0.0188	0.800	0.041	0.001	0	0	0	0	---	---	9
10	---	---	0.0168	0.844	0.055	0.001	0	0	0	0	---	---	10
11	---	---	0.0218	0.738	0.032	0.001	0	0	0	0	---	---	11
12	---	---	0.0208	0.671	0.012	0.001	0	0	0	0	---	---	12
13	---	---	0.0218	0.626	0.003	0.001	0	0	0	0	---	---	13
14	---	---	0.0218	0.542	0.001	0.001	0	0	0	0	---	---	14
15	---	---	0.0208	0.381	0.001	0.001	0	0	0	0	---	---	15
16	---	---	0.0208	0.249	0.001	0.001	0	0	0	0	---	---	16
17	---	---	0.0158	0.192	0.018	0.001	0	0	0	0	---	---	17
18	---	---	0.0178	0.129	0.004	0.001	0	0	0	0	---	---	18
19	---	---	0.0428	0.103	0.002	0.001	0	0	0	0	---	---	19
20	---	---	0.0588	0.098	0.002	0.001	0	0	0	0	---	---	20
21	---	---	0.0748	0.126	0.001	0.001	0	0	0	0	---	---	21
22	---	---	0.1288	0.151	0.001	0.001	0	0	0	0	---	---	22
23	---	---	0.2998	0.221	0.001	0.001	0	0	0	0	---	---	23
24	---	---	0.7298	0.248	0.001	0.001	0	0	0	0	---	---	24
25	---	---	1.71 B	0.192	0.001	0.001	0	0	0	0	---	---	25
26	---	---	0.9948	0.170	0.001	0.001	0	0	0	0	---	---	26
27	---	0.0148	0.8048	0.168	0.001	0.001	0	0	0	0	---	---	27
28	---	0.0128	0.6158	0.155	0.001	0.001	0	0	0	0	---	---	28
29	---	0.0118	0.4628	0.127	0.001	0.001	0	0	0	0	---	---	29
30	---		0.3558	0.113	0.001	0.001	0	0	0	0	---	---	30
31	---		0.3408		0.001		0	0		0		---	31
TOTAL	---	---	5.917	10.274	0.622	0.030	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	0.223	0.342	0.020	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	1.71	0.844	0.095	0.001	0.001	0	0	0	---	---	MAX
MIN	---	---	0.009	0.098	0.001	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.073
MAXIMUM DAILY, 1.710 ON MAR 25
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
1.898 AT 15:38 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 12 N
LONG 105 11 28 W
DRAINAGE AREA, 1 910 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	598	SEP	0
APR	888	OCT	0
MAY	53.7	NOV	---
JUN	2.59	DEC	---

TOTAL DISCHARGE, 1 540 dam³

ASSINIBOINE RIVER AT KAMSACK - STATION NO. 05MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.427B	0.358B	0.431B	20.4 B	7.31	8.17	7.46	0.174	0.013	0.083	0.4008	0.8408	1
2	0.424B	0.360B	0.376B	21.8 B	6.86	7.76	7.08	0.151	0.029	0.098	0.4808	0.8358	2
3	0.428B	0.363B	0.326B	21.4 B	6.71	7.23	6.23	0.151	0.041	0.081	0.5678	0.8308	3
4	0.428B	0.351B	0.331B	21.5 B	6.56	6.76	5.32	0.146	0.031	0.068	0.6568	0.8188	4
5	0.425B	0.325B	0.325B	20.8 B	6.28	6.25	4.59	0.186	0.018	0.053	0.7168	0.8108	5
6	0.411B	0.323B	0.337B	20.3	6.18	5.90	4.01	0.150	0.005	0.055	0.8248	0.7858	6
7	0.383B	0.344B	0.410B	20.5	5.78	6.24	3.85	0.141	0.015	0.098	0.9138	0.7058	7
8	0.371B	0.367B	0.383B	20.6	5.57	8.92	3.42	0.134	0.011	0.138	0.9208	0.6678	8
9	0.374B	0.364B	0.402B	20.2	5.11	7.62	3.15	0.108	0.011	0.122	0.8978	0.6418	9
10	0.373B	0.363B	0.429B	19.6	4.81	8.23	3.06	0.113	0.006	0.104	0.8798	0.6330	10
11	0.389B	0.354B	0.383B	19.3	5.19	8.14	2.65	0.127	0.009	0.089	0.8648	0.6428	11
12	0.403B	0.354B	0.389B	19.2	5.52	7.85	2.22	0.129	0.063	0.102	0.8468	0.6278	12
13	0.423B	0.356B	0.408B	19.2	5.03	7.84	1.80	0.140	0.042	0.127	0.8418	0.6468	13
14	0.397B	0.378B	0.422B	18.6	5.45	8.21	1.42	0.139	0.035	0.148	0.8648	0.6908	14
15	0.417B	0.380B	0.386B	17.9	5.65	8.84	1.15	0.129	0.025	0.178	0.8128	0.6588	15
16	0.422B	0.375B	0.356B	17.1	5.75	9.15	0.975	0.114	0.013	0.243	0.7288	0.6278	16
17	0.378B	0.369B	0.383B	16.0	7.21	9.28	0.848	0.101	0.011	0.219	0.7048	0.6078	17
18	0.354B	0.363B	0.389B	14.6	7.64	8.98	0.774	0.087	0.012	0.223	0.7068	0.5838	18
19	0.270B	0.353B	0.385B	13.4	8.89	8.63	0.688	0.084	0.019	0.247	0.7818	0.5618	19
20	0.258B	0.353B	0.416B	12.3	8.40	8.56	0.607	0.087	0.024	0.261	0.8498	0.5828	20
21	0.288B	0.368B	0.489B	11.3	8.84	8.20	0.569	0.085	0.093	0.298	0.8408	0.5928	21
22	0.292B	0.392B	0.659B	9.99	9.10	7.87	0.520	0.093	0.184	0.317	0.8238	0.6008	22
23	0.305B	0.399B	1.71 B	9.14	8.91	10.5	0.455	0.107	0.190	0.324	0.8128	0.5988	23
24	0.346B	0.392B	3.93 B	8.17	9.21	11.1	0.408	0.107	0.155	0.321	0.8308	0.6018	24
25	0.385B	0.379B	10.1 B	7.80	9.13	12.3	0.377	0.102	0.195	0.3068	0.8328	0.6588	25
26	0.373B	0.377B	17.0 B	8.11	9.19	11.6	0.340	0.085	0.229	0.2958	0.8358	0.6328	26
27	0.340B	0.387B	19.8 B	8.34	9.40	9.95	0.303	0.081	0.181	0.3058	0.8408	0.6508	27
28	0.413B	0.384B	20.4 B	8.35	9.17	8.85	0.274	0.059	0.118	0.3118	0.8608	0.6478	28
29	0.411B	0.404B	20.3 B	7.81	9.01	8.24	0.252	0.036	0.088	0.2708	0.8508	0.6108	29
30	0.380B		19.2 B	7.65	9.04	7.92	0.247	0.013	0.054	0.2988	0.8458	0.5888	30
31	0.368B		18.2 B		8.77		0.207	0.004		0.3338		0.5348	31
TOTAL	11.708	10.648	140.465	481.46	229.77	252.85	65.234	3.372	1.905	8.121	33.608	20.481	TOTAL
MEAN	0.378	0.367	4.53	15.4	7.41	8.43	2.10	0.109	0.064	0.197	0.787	0.661	MEAN
MAX	0.428	0.404	20.4	21.8	9.40	12.3	7.46	0.186	0.229	0.333	0.920	0.840	MAX
MIN	0.258	0.325	0.325	7.65	4.91	5.90	0.207	0.004	0.005	0.053	0.400	0.534	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.35
MAXIMUM DAILY, 21.8B ON APR 2
MINIMUM DAILY, 0.004 ON AUG 31
MAXIMUM INSTANTANEOUS,
22.2B AT 23:09 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 53 N
LONG 101 54 58 W
DRAINAGE AREA, 12 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 010	JUL	5 840
FEB	920	AUG	291
MAR	12 100	SEP	145
APR	39 900	OCT	529
MAY	19 900	NOV	2 040
JUN	21 800	DEC	1 770

TOTAL DISCHARGE, 105 000 dam³

ASSINIBOINE RIVER AT STURGIS - STATION NO 05MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.136B	5.19B	2.35	4.19	1.67	0.015A	0.001E	0.004E	0.250B	---	1
2	---	---	0.132B	5.21B	2.36	3.85	1.48	0.020E	0.001E	0.004E	0.250B	---	2
3	---	---	0.128B	8.05B	2.31	3.57	1.25	0.070A	0.001E	0.004E	0.248B	---	3
4	---	---	0.124B	9.84B	2.19	3.34	1.10	0.050E	0.001E	0.004E	0.248B	---	4
5	---	---	0.120B	11.1 B	2.05	3.08	0.992	0.050E	0.001E	0.004E	0.248B	---	5
6	---	---	0.115B	11.5 B	2.01	2.88	0.929	0.045E	0.001A	0.004E	0.248B	---	6
7	---	---	0.110B	11.6	1.92	3.85	0.728	0.042E	0.001E	0.004E	---	---	7
8	---	---	0.105B	11.7	1.86	4.45	0.540	0.041E	0.001E	0.004E	---	---	8
9	---	---	0.103B	10.8	1.78	4.82	0.172	0.043A	0.001E	0.004E	---	---	9
10	---	---	0.100B	10.4	1.91	5.79	0.148	0.184	0.001E	0.004E	---	---	10
11	---	---	0.097B	8.93	2.00	7.08	0.127	0.251	0.002E	0.004A	---	---	11
12	---	---	0.094B	8.45	2.18	8.05	0.113	0.194	0.002E	0.004E	---	---	12
13	---	---	0.091B	9.05	2.23	8.42	0.104	0.135	0.002E	0.004E	---	---	13
14	---	---	0.088B	8.48	2.26	8.18	0.100	0.119	0.002E	0.004E	---	---	14
15	---	---	0.085B	7.78	2.62	7.67	0.094	0.113	0.003E	0.004E	---	---	15
16	---	---	0.082B	7.03	2.80	6.80	0.090	0.105	0.003E	0.075A	---	---	16
17	---	---	0.080B	6.38	2.67	6.51	0.086	0.092	0.003E	0.102	---	---	17
18	---	---	0.095B	5.84	2.74	5.78	0.075A	0.077A	0.003E	0.109	---	---	18
19	---	---	0.180B	4.92	2.88	5.20	0.065E	0.067E	0.003E	0.114	---	---	19
20	---	---	0.322B	4.20	2.93	4.73	0.055E	0.053E	0.003E	0.141	---	---	20
21	---	---	0.380B	3.65	3.31	4.63	0.045E	0.042E	0.004E	0.501	---	---	21
22	---	---	0.459B	3.14	3.54	4.21	0.035E	0.034E	0.004E	0.783	---	---	22
23	---	---	0.512B	2.85	3.87	4.39	0.030E	0.026E	0.004E	0.715	---	---	23
24	---	---	0.744B	3.01	4.12	3.72	0.025E	0.020E	0.005E	0.655	---	---	24
25	---	---	1.39 B	3.18	4.45	3.31	0.020E	0.012E	0.005E	0.481B	---	---	25
26	---	---	1.86 B	2.89	4.59	3.09	0.020E	0.007E	0.004E	0.481B	---	---	26
27	---	---	2.77 B	2.85	4.71	2.81	0.015E	0.004E	0.004E	0.330B	---	---	27
28	---	---	3.75 B	2.60	4.86	2.52	0.010E	0.003E	0.004E	0.280B	---	---	28
29	---	0.140B	3.51 B	2.44	4.96	2.36	0.010E	0.002E	0.004E	0.260B	---	---	29
30	---		3.61 B	2.41	4.93	2.03	0.010E	0.001E	0.004E	0.255B	---	---	30
31	---		4.24 B		4.62		0.010E	0.001E		0.250B		---	31
TOTAL	---	---	25.702	198.28	93.63	141.11	10.149	1.908	0.078	5.543	---	---	TOTAL
MEAN	---	---	0.829	6.61	3.02	4.70	0.327	0.062	0.003	0.179	---	---	MEAN
MAX	---	---	4.24	11.7	4.96	8.42	1.67	0.251	0.005	0.753	---	---	MAX
MIN	---	---	0.080	2.41	1.78	2.03	0.010	0.001	0.001	0.004	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.94
MAXIMUM DAILY, 11.7 ON APR 8
MINIMUM DAILY, 0.001E ON AUG 30
MAXIMUM INSTANTANEOUS,
12.28 AT 01:13 CST ON APR 6

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 23 N
LONG 102 32 49 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	877
FEB	---	AUG	165
MAR	2 220	SEP	6 74
APR	17 100	OCT	479
MAY	8 090	NOV	---
JUN	12 200	DEC	---

TOTAL DISCHARGE, 41 100 dam³

AVONLEA CREEK NEAR ROULEAU - STATION NO 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.013B	0	0.118	0.102	0.503	0	0	0B	---	1
2	---	---	0 B	0.017B	0	0.282	0.156	0	0	0	0B	---	2
3	---	---	0 B	0.015B	0	0	0.122	0	0	0	0B	---	3
4	---	---	0 B	0.007B	0	0.001	0.118	0	0	0	0B	---	4
5	---	---	0 B	0.011B	0	0.020	0.097	0	0	0	0B	---	5
6	---	---	0 B	0.020B	0.001	0.025	0.090	0	0	0	0B	---	6
7	---	---	0 B	0.024B	0	0.045	0.125	0	0	0	0B	---	7
8	---	---	0 B	0.030B	0	0.005	0.137	0	0	0	0B	---	8
9	---	---	0 B	0.028B	0	0.030	0.119	0	0	0	---	---	9
10	---	---	0 B	0.025B	0	0	0.135	0	0	0	---	---	10
11	---	---	0 B	0.008B	0	0.002	0.122	0	0	0	---	---	11
12	---	---	0 B	0 B	0	0.003	0.081	0	0	0	---	---	12
13	---	---	0 B	0 B	0	0	0.061	0	0	0	---	---	13
14	---	---	0 B	0 B	0	0.001	0.051	0	0	0	---	---	14
15	---	---	0 B	0 B	0	0.002	0.026	0	0	0	---	---	15
16	---	0.008B	0 B	0 B	0	0.004	0.029	0	0	0	---	---	16
17	---	0.015B	0 B	0 B	0	0.001	0.014	0	0	0	---	---	17
18	---	0 B	0 B		0	0.010	0.021	0	0	0	---	---	18
19	---	0 B	0.023B		0	0.026	0.016	0	0	0	---	---	19
20	---	0 B	0.037B		0	0.073	0.038	0	0		---	---	20
21	---	0.061B	0.064B	0.216	0	0.086	0.017	0	0	0	---	---	21
22	---	0.091B	0.089B	0.531	0	0.129	0.029	0	0	0	---	---	22
23	---	0.036B	0.069B	0.584	0	0.039	0.010	0	0	0	---	---	23
24	---	0.015B	0.066B	0.215	0	0.024	0.022	0	0	0	---	---	24
25	---	0 B	0.091B	0.018	0	0.046	0.018	0	0		---	---	25
26	---	0 B	0.049B	0.014	0	0.045	0.017	0	0	0B	---	---	26
27	---	0 B	0.019B	0.005	0	0.104	0.020	0	0	0B	---	---	27
28	---	0 B	0.007B	0.002	0	0.119	0.007	0	0	0B	---	---	28
29	---	0 B	0.002B	0	0	0.116	0.004	0	0	0B	---	---	29
30	---		0.003B	0	0	0.094	0	0	0	0B	---	---	30
31	---		0.001B		0		0.004	0		0B		---	31
TOTAL	---	---	0.520	1.778	0.001	1.480	1.788	0.003	0	0	---	---	TOTAL
MEAN	---	---	0.017	0.059	0	0.049	0.058	0	0	0	---	---	MEAN
MAX	---	---	0.091	0.584	0.001	0.282	0.156	0.003	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.033
MAXIMUM DAILY, 0.584 ON APR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.894 AT 06:55 CST ON APR 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 50 N
LONG 104 59 27 W
DRAINAGE AREA, 963 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	154
FEB	---	AUG	0.26
MAR	44.9	SEP	0
APR	154	OCT	0
MAY	0.09	NOV	---
JUN	126	DEC	---

TOTAL DISCHARGE, 479 dam³

AVONLEA INDEX RESERVOIR - STATION NO 05JE010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	26 934	---	---	---	---	1
2	---	---	---	27 802	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	27 186	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	26 552	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	27 252	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	26 528	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	27 382	27 186E	---	---	---	---	---	---	30
31	---		27 802E		27 382E		26 934E	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 50 N
LONG 105 06 30 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

AVONLEA RESERVOIR NEAR AVONLEA - STATION NO 05JE007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	596 641	596 955	596 844	596 644	596 384	595 871	595 658	595 588	595 567	---	1
2	---	---	596 641	596 958	596 843	596 617	596 346	595 866	595 657	595 583	595 586	---	2
3	---	---	596 641	596 962	596 839	596 605	596 327	595 860	595 652	595 584	595 566	---	3
4	---	---	596 640	596 965	596 830	596 589	596 308	595 857	595 650	595 584	595 565	---	4
5	---	---	596 641	596 968	596 831	596 569	596 288	595 851	595 646	595 582	595 564	---	5
6	---	---	596 640	596 971	596 826	596 555	596 278	595 848	595 639	595 578	595 584	---	6
7	---	---	596 637	596 969	596 822	596 539	596 254	595 838	595 633	595 577	595 565	---	7
8	---	---	596 638	596 974	596 821	596 520	596 239	595 826	595 629	595 578	595 562A	---	8
9	---	---	596 639	596 971	596 821	596 506	596 220	595 821	595 628	595 574	---	---	9
10	---	---	596 640	596 969	596 808	596 499	596 198	595 822	595 626	595 572	---	---	10
11	---	---	596 635	596 968	596 811	596 495	596 182	595 813	595 620	595 572	---	---	11
12	---	---	596 636	596 962	596 810	596 493	596 166	595 812	595 613	595 570	---	---	12
13	---	---	596 637	596 957	596 805	596 486	596 145	595 812	595 613	595 565	---	---	13
14	---	---	596 637	596 959	596 812	596 479	596 117	595 802	595 615	595 558	---	---	14
15	---	---	596 637	596 959	596 805	596 466	596 104	595 797	595 616	595 550	---	---	15
16	---	596 578A	596 638	596 960	596 781	596 457	596 087	595 789	595 612	595 549	---	---	16
17	---	596 580	596 636	596 959	596 776	596 443	596 077	595 786	595 607	595 557	---	---	17
18	---	596 584	596 636	596 953	596 769	596 437	596 053	595 780	595 604	595 562	---	---	18
19	---	596 588	596 638	596 941	596 770	596 427	596 027	595 773	595 593	595 562	---	---	19
20	---	596 589	596 645	596 920	596 769	596 421	595 998	595 765	595 593	595 569	---	---	20
21	---	596 595	596 659	596 902	596 758	596 426	595 964	595 764	595 594	595 569	---	---	21
22	---	596 605	596 681	596 882	596 746	596 449	595 934	595 750	595 603	595 570	---	---	22
23	---	596 616	596 719	596 872	596 747	596 448	595 922	595 743	595 602	595 571	---	---	23
24	---	596 622	596 754	596 866	596 723	596 458	595 908	595 735	595 601	595 569	---	---	24
25	---	596 629	596 797	596 862	596 726	596 456	595 894	595 730	595 600	595 569	---	---	25
26	---	596 632	596 845	596 849	596 731	596 442	595 886	595 722	595 596	595 571	---	---	26
27	---	596 636	596 881	596 831	596 728	596 428	595 883	595 709	595 592	595 577	---	---	27
28	---	596 641	596 909	596 836	596 723	596 418	595 873	595 695	595 592	595 578	---	---	28
29	---	596 642	596 924	596 844	596 720	596 413	595 869	595 674	595 590	595 574	---	---	29
30	---		596 936	596 843	596 706	596 382	595 868	595 665	595 590	595 573	---	---	30
31	---		596 948		596 671		595 873	595 663		595 570		---	31
MEAN	---	---	596 704	596 926	596 780	596 486	596 086	595 782	595 615	595 571	---	---	MEAN
MAX	---	---	596 948	596 974	596 844	596 644	596 384	595 871	595 658	595 588	---	---	MAX
MIN	---	---	596 635	596 831	596 671	596 382	595 868	595 663	595 590	595 549	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 596.974 ON APR 8
MINIMUM DAILY, 595.549 ON OCT 16
MAXIMUM INSTANTANEOUS,
596.980 AT 12:08 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 10 N
LONG 105 00 23 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BALLANTYNE RIVER ABOVE BALLANTYNE BAY - STATION NO 05KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 438	2 308	2 558	4 768	15 2	21 1	12 7	5 31	2 75	5 82	7 758	4 558	1
2	2 358	2 378	2 528	4 418	14 5	20 2	11 4	4 88	2 71	5 83	8 788	4 588	2
3	2 318	2 428	4 258	4 028	13 8	19 8	10 4	4 73	2 68	5 82	9 628	4 548	3
4	2 188	2 458	2 348	4 028	13 3	18 9	9 74	4 49	2 71	5 88	10 1 8	4 528	4
5	2 028	2 448	2 338	3 798	12 8	17 8	9 10	4 33	2 64	5 81	9 948	4 438	5
6	2 048	2 448	2 488	3 858	12 4	16 5	8 40	4 32	2 59	5 57	9 378	3 998	6
7	2 078	2 328	2 488	5 088	12 0	17 1	7 88	5 32	3 97	5 63	8 718	4 258	7
8	2 268	2 178	2 398	7 208	11 6	26 8	7 54	5 66	7 50	5 33	8 248	4 378	8
9	2 198	2 148	2 458	5 438	11 3	35 1	7 26	5 50	10 1	5 29	7 808	4 418	9
10	2 058	2 188	2 478	14 4 8	12 2	36 8	6 91	5 07	10 4	5 23	7 438	4 448	10
11	1 898	2 248	2 538	15 8 8	14 4	34 3	6 48	4 80	10 2	5 14	6 988	4 428	11
12	1 918	2 308	2 598	23 1 8	16 8	30 2	6 07	4 25	9 74	5 13	6 778	4 228	12
13	1 808	2 408	2 588	17 4 8	20 2	26 6	5 84	3 98	9 08	5 11	6 938	3 888	13
14	1 585	2 438	2 598	13 7 8	21 5	23 6	6 71	3 93	8 44	5 09	6 788	3 648	14
15	1 588	2 428	2 688	21 3 8	21 3	21 6	15 3	3 76	7 89	5 02	6 888	3 728	15
16	1 608	2 378	2 558	23 2 8	21 3	20 1	17 3	3 67	7 40	5 42	6 668	3 758	16
17	1 618	2 308	2 368	27 1 8	23 5	20 2	17 0	3 53	6 91	10 2	6 388	3 698	17
18	1 588	2 298	2 278	30 4 8	30 3	22 7	15 5	3 36	6 44	14 6	6 028	3 558	18
19	1 778	2 348	2 468	29 2	34 6	23 9	13 7	3 27	6 02	16 5	5 738	3 498	19
20	1 758	2 358	2 738	28 4	36 0	23 9	12 1	3 57	5 69	16 7	5 578	3 488	20
21	1 768	2 478	3 058	27 2	42 1	27 8	12 1	3 76	5 42	16 6	5 428	3 508	21
22	1 768	2 518	3 358	26 0	47 6	26 8	12 8	3 80	5 27	16 3	5 308	3 508	22
23	1 778	2 478	3 748	24 9	48 1	24 6	12 0	3 85	5 32	15 9	5 218	3 388	23
24	1 778	2 478	4 078	23 6	45 2	22 2	11 1	3 64	5 43	14 5 8	5 168	3 228	24
25	1 738	2 468	4 268	22 5	40 4	21 4	9 85	3 43	5 55	9 948	5 058	3 078	25
26	1 838	2 448	4 328	21 4	35 5	20 1	9 15	3 25	5 97	10 1 8	4 988	2 898	26
27	2 028	2 458	4 538	19 7	31 7	18 3	8 33	3 12	6 05	9 188	4 848	2 788	27
28	2 088	2 538	4 778	18 3	28 6	16 5	7 49	3 02	6 19	7 328	4 658	2 718	28
29	2 128	2 598	4 868	17 1	26 4	15 4	6 78	2 94	6 11	6 838	4 618	2 708	29
30	2 178		4 948	16 1	24 5	14 0	6 20	2 92	5 96	6 098	4 558	2 658	30
31	2 238		5 078		22 7		5 72	2 84		7 678		2 508	31
TOTAL	60 29	69 06	96 84	511 99	751 8	684 4	310 57	124 15	183 14	267 94	201 98	114 72	TOTAL
MEAN	1 94	2 38	3 12	17 1	24 6	22 8	10 0	4 00	6 10	8 64	6 73	3 70	MEAN
MAX	2 43	2 59	5 07	30 4	48 1	35 8	17 3	5 65	10 4	15 7	10 1	4 55	MAX
MIN	1 56	2 14	2 27	3 79	11 3	14 0	5 72	2 84	2 59	5 02	4 55	2 50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 25
MAXIMUM DAILY, 48 1 ON MAY 23
MINIMUM DAILY, 1 588 ON JAN 14
MAXIMUM INSTANTANEOUS,
48 6 AT 03 58 CST ON MAY 23

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 33 40 N
LONG 103 58 30 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 210	JUL	26 800
FEB	5 970	AUG	10 700
MAR	8 370	SEP	15 800
APR	44 200	OCT	23 200
MAY	65 800	NOV	17 500
JUN	59 100	DEC	9 910

TOTAL DISCHARGE, 293 000 dam³

BARRIER RIVER BELOW BARRIER LAKE - STATION NO 05LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 1218	0 0988	1 36	4 23	3 26	0 058	0	0 008	---	---	1
2	---	---	0 1208	0 0958	1 23	4 15	2 11	0 017	0	0 010	---	---	2
3	---	---	0 1198	0 0958	1 16	3 73	1 84	0 008	0	0 010	---	---	3
4	---	---	0 1188	0 3158	1 18	3 38	1 70	0 010	0	0 009	---	---	4
5	---	---	0 1178	0 5508	1 09	3 19	1 50	0 014	0	0 006	---	---	5
6	---	---	0 1178	0 8108	1 12	3 01	1 24	0 005	0	0 004	---	---	6
7	---	---	0 1168	1 05	1 12	2 77	1 17	0 004	0	0 004	---	---	7
8	---	---	0 1158	1 29	1 13	4 57	1 17	0 087	0	0 003	---	---	8
9	---	---	0 1148	1 51	0 897	5 07	1 04	0 053	0	0 003	---	---	9
10	---	---	0 1138	1 76	1 36	5 65	0 885	0 015	0	0 003	---	---	10
11	---	---	0 1128	2 00	1 56	5 63	0 727	0	0	0 002	---	---	11
12	---	---	0 1118	2 28	1 80	5 30	0 673	0	0	0 001	---	---	12
13	---	---	0 1108	2 41	1 74	4 93	0 530	0	0	0 005	---	---	13
14	---	---	0 1098	2 53	1 60	4 50	0 642	0	0	0 010	---	---	14
15	---	---	0 1088	2 53	1 39	4 13	0 495	0	0	0 014	---	---	15
16	---	---	0 1078	2 49	1 70	3 80	0 507	0	0	0 025	---	---	16
17	---	---	0 1068	2 49	2 51	3 66	0 453	0	0	0 020	---	---	17
18	---	---	0 1058	2 57	2 75	3 33	0 426	0	0	0 031	---	---	18
19	---	---	0 1048	2 64	2 87	3 02	0 352	0	0	0 036	---	---	19
20	---	---	0 1048	2 50	3 02	2 98	0 277	0	0	0 040	---	---	20
21	---	---	0 1038	2 42	3 52	3 26	0 288	0	0	0 033	---	---	21
22	---	---	0 1028	2 30	3 59	3 53	0 330	0	0	0 035	---	---	22
23	---	---	0 1018	2 15	3 46	3 82	0 277	0	0	0 050	---	---	23
24	---	---	0 1008	2 13	3 88	3 75	0 227	0	0	0 037	---	---	24
25	---	---	0 0998	2 03	4 12	3 76	0 214	0	0 001	0 028	---	---	25
26	---	---	0 0988	1 84	4 44	3 56	0 174	0	0 001	0 039	---	---	26
27	---	0 1248	0 0978	1 78	4 54	3 05	0 130	0	0 001	0 0408	---	---	27
28	---	0 1238	0 0978	1 73	4 59	2 97	0 090	0	0 006	0 0398	---	---	28
29	---	0 1228	0 0968	1 58	4 49	2 56	0 047	0	0 010	0 0388	---	---	29
30	---		0 0968	1 47	4 37	2 51	0 057	0	0 010	0 0378	---	---	30
31	---		0 0968		4 46		0 100	0		0 0368		---	31
TOTAL	---	---	3 331	51 281	77 937	114 81	21 942	0 351	0 029	0 859	---	---	TOTAL
MEAN	---	---	0 107	1 71	2 51	3 83	0 708	0 011	0 001	0 021	---	---	MEAN
MAX	---	---	0 121	2 57	4 59	5 65	2 26	0 087	0 010	0 050	---	---	MAX
MIN	---	---	0 095	0 095	0 897	2 51	0 057	0	0	0 001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 10
MAXIMUM DAILY, 5 65 ON JUN 10
MINIMUM DAILY, 0 ON AUG 11
MAXIMUM INSTANTANEOUS,
5 80 AT 16:23 CST ON JUN 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 32 58 N
LONG 103 41 10 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 900
FEB	---	AUG	30 3
MAR	288	SEP	3 51
APR	4 430	OCT	55 9
MAY	5 730	NOV	---
JUN	9 920	DEC	---

TOTAL DISCHARGE, 23 400 dam³

BATTLE CREEK AT ALBERTA BOUNDARY - STATION NO 11AB117

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1638	0.2008	0.275	0.123	0.006	0.086	0.087	0.047	---	---	1
2	---	---	0.1698	0.2148	0.255	0.099	0.005	0.124	0.076	0.046	---	---	2
3	---	---	0.1668	0.2698	0.288	0.072	0.073	0.128	0.085	0.038	---	---	3
4	---	---	0.1628	0.2988	0.304	0.054	0.081	0.122	0.105	0.036	---	---	4
5	---	---	0.1588	0.3248	0.422	0.091	0.070	0.120	0.115	0.037	---	---	5
6	---	---	0.1488	0.3858	0.419	0.106	0.066	0.117	0.116	0.032	---	---	6
7	---	---	0.1478	0.4358	0.391	0.085	0.068	0.120	0.138	0.031	---	---	7
8	---	---	0.1488	0.5198	0.383	0.103	0.064	0.124	0.205	0.033	---	---	8
9	---	---	0.1578	0.6548	0.364	0.195	0.069	0.128	0.087	0.032	---	---	9
10	---	---	0.1528	0.7498	0.345	0.170	0.073	0.135	0.069	0.031	---	---	10
11	---	---	0.1498	0.7118	0.317	0.158	0.073	0.135	0.055	0.029	---	---	11
12	---	---	0.1518	0.565	0.311	0.131	0.077	0.133	0.046	0.031	---	---	12
13	---	---	0.1428	0.532	0.272	0.102	0.072	0.127	0.060	0.039	---	---	13
14	---	---	0.1418	0.500	0.251	0.068	0.072	0.128	0.066	0.038	---	---	14
15	---	---	0.1478	0.530	0.288	0.048	0.063	0.125	0.059	0.0378	---	---	15
16	---	0.1938	0.1548	0.598	0.422	0.032	0.064	0.118	0.052	0.0448	---	---	16
17	---	0.2048	0.1568	0.653	0.400	0.013	0.038	0.114	0.060	0.0468	---	---	17
18	---	0.1768	0.1618	0.672	0.308	0.030	0.032	0.105	0.060	0.0668	---	---	18
19	---	0.1758	0.1958	0.652	0.264	0.011	0.021	0.108	0.054	0.0818	---	---	19
20	---	0.2038	0.2198	0.596	0.231	0.004	0.003	0.101	0.082	0.0708	---	---	20
21	---	0.2838	0.2588	0.516	0.211	0.015	0.002	0.102	0.076	0.0678	---	---	21
22	---	0.2498	0.2518	0.488	0.190	0.030	0.023	0.092	0.070	0.0628	---	---	22
23	---	0.2148	0.2518	0.476	0.171	0.065	0.038	0.086	0.076	0.0628	---	---	23
24	---	0.1778	0.2428	0.437	0.195	0.097	0.038	0.075	0.069	0.0668	---	---	24
25	---	0.1828	0.2018	0.414	0.204	0.105	0.041	0.074	0.063	0.0918	---	---	25
26	---	0.1818	0.2248	0.415	0.203	0.077	0.034	0.068	0.057	0.1438	---	---	26
27	---	0.1568	0.2188	0.388	0.223	0.033	0.026	0.039	0.051	0.1458	---	---	27
28	---	0.1518	0.1818	0.363	0.333	0.019	0.026	0.040	0.051	0.1308	---	---	28
29	---	0.1638	0.2418	0.340	0.251	0.017	0.024	0.044	0.048	0.1138	---	---	29
30	---		0.2288	0.305	0.188	0.018	0.061	0.050	0.048	0.1138	---	---	30
31	---		0.2048		0.143		0.088	0.052		0.1138		---	31
TOTAL	---	---	5.677	14.199	8.782	2.173	1.475	3.128	2.272	1.971	---	---	TOTAL
MEAN	---	---	0.183	0.473	0.283	0.072	0.048	0.101	0.076	0.064	---	---	MEAN
MAX	---	---	0.258	0.749	0.422	0.195	0.088	0.135	0.205	0.145	---	---	MAX
MIN	---	---	0.141	0.200	0.143	0.004	0.002	0.039	0.046	0.029	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.162
MAXIMUM DAILY, 0.7498 ON APR 10
MINIMUM DAILY, 0.002 ON JUL 21
MAXIMUM INSTANTANEOUS,
0.7898 AT 15 09 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 110 00 15 W
DRAINAGE AREA, 111 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	127
FEB	---	AUG	270
MAR	490	SEP	196
APR	1 230	OCT	170
MAY	759	NOV	---
JUN	188	DEC	---

TOTAL DISCHARGE, 3 430 dam³

BATTLE CREEK AT INTERNATIONAL BOUNDARY - STATION NO 11AB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.4488	0.875	0.064	0.257	0.108	0	0	0	---	---	1
2	---	---	0.4488	0.794	0.052	0.153	0.102	0	0	0	---	---	2
3	---	---	0.4538	0.794	0.039	0.098	0.103	0	0	0	---	---	3
4	---	---	0.4978	0.771	0.048	0.090	0.098	0	0	0	---	---	4
5	---	---	0.4538	0.676	0.100	0.123	0.068	0	0	0	---	---	5
6	---	---	0.4488	0.650	0.074	0.109	0.049	0	0	0	---	---	6
7	---	---	0.4538	0.686	0.058	0.104	0.031	0	0	0	---	---	7
8	---	---	0.4408	0.388	0.047	0.139	0.020	0	0	0	---	---	8
9	---	---	0.4308	0.374	0.034	0.160	0.011	0	0	0	---	---	9
10	---	---	0.4108	0.382	0.023	0.153	0.007	0	0	0	---	---	10
11	---	---	0.3908	0.271	0.020	0.136	0.004	0	0	0	---	---	11
12	---	---	0.3758	0.233	0.019	0.139	0.002	0	0	0	---	---	12
13	---	---	0.3658	0.170	0.016	0.146	0.002	0	0	0	---	---	13
14	---	---	0.3608	0.136	0.013	0.136	0.002	0	0	0	---	---	14
15	---	---	0.3558	0.121	0.013	0.111	0.002	0	0	0	---	---	15
16	---	---	0.3558	0.108	0.013	0.109	0.001	0	0	0	---	---	16
17	---	---	0.3558	0.125	0.010	0.106	0.001	0	0	0	---	---	17
18	---	---	0.4008	0.233	0.006	0.121	0	0	0	0	---	---	18
19	---	---	0.4978	0.186	0.006	0.356	0	0	0	0	---	---	19
20	---	---	0.5038	0.130	0.006	0.318	0	0	0	0	---	---	20
21	---	---	0.5388	0.083	0.002	0.225	0	0	0	0	---	---	21
22	---	---	0.5768	0.104	0.001	0.158	0	0	0	0	---	---	22
23	---	---	0.6358	0.488	0	0.128	0	0	0	0	---	---	23
24	---	---	0.6898	0.448	0	0.093	0	0	0	0	---	---	24
25	---	---	0.6908	0.427	0.088	0.058	0	0	0	0	---	---	25
26	---	---	0.7288	0.417	0.086	0.032	0	0	0	0	---	---	26
27	---	---	0.6908	0.283	0.063	0.044	0	0	0	0	---	---	27
28	---	---	0.7048	0.153	0.069	0.063	0	0	0	0	---	---	28
29	---	---	0.7638	0.104	0.049	0.183	0	0	0	0	---	---	29
30	---	---	0.8498	0.077	0.034	0.130	0	0	0	0	---	---	30
31	---		0.993		0.159		0	0		0		---	31
TOTAL	---	---	18.258	10.353	1.292	4.159	0.812	0	0	0	---	---	TOTAL
MEAN	---	---	0.624	0.345	0.042	0.139	0.020	0	0	0	---	---	MEAN
MAX	---	---	0.993	0.875	0.159	0.356	0.108	0	0	0	---	---	MAX
MIN	---	---	0.355	0.077	0	0.032	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.133
MAXIMUM DAILY, 0.993 ON MAR 31
MINIMUM DAILY, 0 ON MAY 23
MAXIMUM INSTANTANEOUS,
1.43 AT 12 30 CST ON MAR 31

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 07 N
LONG 109 25 18 W
DRAINAGE AREA, 2 550 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	52 0
FEB	---	AUG	0
MAR	1 400	SEP	0
APR	894	OCT	0
MAY	112	NOV	---
JUN	359	DEC	---

TOTAL DISCHARGE, 2 820 dam³

BATTLE CREEK BELOW NASHLYN PROJECT - STATION NO 11AB101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.765B	0.234	0.207	0.144	0	0	0	---	---	1
2	---	---	---	0.760B	0.145	0.245	0.120	0	0	0	---	---	2
3	---	---	---	0.757B	0.092	0.219	0.118	0	0	0	---	---	3
4	---	---	---	0.390B	0.067	0.204	0.120	0	0	0	---	---	4
5	---	---	---	0.297B	0.072	0.253	0.114	0	0	0	---	---	5
6	---	---	---	0.263B	0.067	0.277	0.101	0	0	0	---	---	6
7	---	---	---	0.266	0.062	0.291	0.088	0	0	0	---	---	7
8	---	---	---	0.206	0.055	0.256	0.071	0	0	0	---	---	8
9	---	---	---	0.226	0.051	0.243	0.058	0	0	0	---	---	9
10	---	---	---	0.193	0.050	0.234	0.048	0	0	0	---	---	10
11	---	---	---	0.127	0.047	0.243	0.037	0	0	0	---	---	11
12	---	---	---	0.109	0.044	0.215	0.027	0	0	0	---	---	12
13	---	---	---	0.098	0.039	0.212	0.021	0	0	0	---	---	13
14	---	---	---	0.087	0.042	0.198	0.015	0	0	0	---	---	14
15	---	---	---	0.201	0.054	0.180	0.008	0	0	0	---	---	15
16	---	---	---	0.280	0.076	0.288	0.010	0	0	0	---	---	16
17	---	---	---	0.182	0.078	0.534	0.006	0	0	0	---	---	17
18	---	---	---	0.102	0.055	0.480	0.002	0	0	0	---	---	18
19	---	---	---	0.102	0.047	0.281	0	0	0	0	---	---	19
20	---	---	---	0.163	0.055	0.188	0	0	0	0	---	---	20
21	---	---	---	0.470	0.304	0.123	0	0	0	0	---	---	21
22	---	---	---	0.547	0.325	0.084	0	0	0	0	---	---	22
23	---	---	---	0.472	0.178	0.084	0	0	0	0	---	---	23
24	---	---	---	0.459	0.128	0.183	0	0	0	0.1148	---	---	24
25	---	---	---	0.354	0.089	0.173	0	0	0	0.1458	---	---	25
26	---	---	---	0.142	0.049	0.149	0	0	0	0.1858	---	---	26
27	---	---	---	0.100	0.068	0.128	0	0	0	0.1528	---	---	27
28	---	---	---	0.072	0.178	0.127	0	0	0	0.2188	---	---	28
29	---	---	---	0.072	0.598	0.137	0	0	0	0.1868	---	---	29
30	---	---	---	0.085	0.427	0.231	0	0	0	0.1738	---	---	30
31	---	---	---		0.206		0			0.1708		---	31
TOTAL	---	---	---	8.331	3.891	6.852	1.106	0	0	1.345	---	---	TOTAL
MEAN	---	---	---	0.278	0.126	0.222	0.036	0	0	0.043	---	---	MEAN
MAX	---	---	---	0.765	0.535	0.534	0.144	0	0	0.218	---	---	MAX
MIN	---	---	---	0.072	0.039	0.084	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUL 19

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 09 52 N
LONG 109 27 52 W
DRAINAGE AREA, 2 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	95.6
FEB	---	AUG	0
MAR	---	SEP	0
APR	720	OCT	1 48
MAY	336	NOV	---
JUN	575	DEC	---

BATTLE CREEK BELOW WILSON'S WEIR - STATION NO 11AB110

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.422B	0.352	0.096	0.270	0.188	0.013	0.007	0.209	---	---	1
2	---	---	0.426B	0.382	0.095	0.243	0.159	0.014	0.006	0.205	---	---	2
3	---	---	0.468B	0.330	0.086	0.241	0.143	0.057	0.005	0.207	---	---	3
4	---	---	0.411B	0.405	0.091	0.227	0.142	0.048	0.005	0.212	---	---	4
5	---	---	0.432B	0.451	0.095	0.244	0.134	0.043	0.005	0.208	---	---	5
6	---	---	0.437B	0.348	0.105	0.270	0.118	0.028	0.003	0.200	---	---	6
7	---	---	0.414B	0.309	0.103	0.239	0.117	0.017	0.005A	0.183	---	---	7
8	---	---	0.414B	0.274	0.098	0.226	0.111	0.010	0.005E	0.169	---	---	8
9	---	---	0.400B	0.192	0.110	0.224	0.087	0.006	0.005E	0.173	---	---	9
10	---	---	0.395B	0.152	0.075	0.225	0.088	0.009	0.005E	0.173	---	---	10
11	---	---	0.377B	0.171	0.056	0.305	0.085	0.006	0.005E	0.178	---	---	11
12	---	---	0.392B	0.403	0.059	0.277	0.085	0.005	0.005E	0.189	---	---	12
13	---	---	0.377B	0.470	0.180	0.437	0.087	0.007	0.005E	0.178	---	---	13
14	---	---	0.391B	0.348	0.488	0.425	0.051	0.007	0.090E	0.153	---	---	14
15	---	---	0.407B	0.281	0.552	0.408	0.045	0.009	0.150E	0.158	---	---	15
16	---	---	0.421B	0.234	0.573	0.374	0.033	0.004	0.180E	0.189B	---	---	16
17	---	---	0.422B	0.352	0.673	0.337	0.032	0.006	0.170E	0.183B	---	---	17
18	---	---	0.429B	0.439	0.520	0.315	0.025	0.009	0.173E	0.191B	---	---	18
19	---	---	0.449B	0.562	0.271	0.244	0.025	0.006	0.175E	0.251B	---	---	19
20	---	---	0.348B	0.423	0.207	0.262	0.015	0.007	0.178E	0.264B	---	---	20
21	---	---	0.345B	0.481	0.165	0.246	0.014	0.007	0.181E	0.272B	---	---	21
22	---	0.495B	0.530B	0.373	0.136	0.280	0.009	0.005	0.183E	0.269B	---	---	22
23	---	0.482B	0.552B	0.360	0.138	0.324	0.010	0.004	0.185E	0.249B	---	---	23
24	---	0.457B	0.596B	0.313	0.117	0.380	0.007	0.004	0.189E	0.327B	---	---	24
25	---	0.451B	0.678B	0.191	0.117	0.380	0.014	0.005	0.194E	0.281B	---	---	25
26	---	0.447B	0.605B	0.134	0.135	0.392	0.012	0.005	0.198E	0.268B	---	---	26
27	---	0.414B	0.420B	0.100	0.188	0.344	0.008	0.005	0.203E	0.246B	---	---	27
28	---	0.404B	0.421B	0.088	0.255	0.290	0.008	0.005	0.210E	0.301B	---	---	28
29	---	0.408B	0.348	0.110	0.174	0.228	0.007	0.005	0.212A	0.340B	---	---	29
30	---		0.384	0.147	0.197	0.188	0.009	0.003	0.213	0.338B	---	---	30
31	---		0.342		0.263		0.015	0.003		0.336B		---	31
TOTAL	---	---	13.421	8.195	8.418	8.925	1.853	0.363	3.132	7.093	---	---	TOTAL
MEAN	---	---	0.433	0.307	0.307	0.356	0.060	0.012	0.104	0.229	---	---	MEAN
MAX	---	---	0.678	0.562	0.673	0.437	0.188	0.057	0.213	0.340	---	---	MAX
MIN	---	---	0.342	0.088	0.056	0.188	0.006	0.003	0.003	0.183	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.206
MAXIMUM DAILY, 0.678B ON MAR 28
MINIMUM DAILY, 0.003 ON AUG 30
MAXIMUM INSTANTANEOUS,
1.118 AT 14:25 CST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 01 N
LONG 109 36 39 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	180
FEB	---	AUG	31.4
MAR	1 180	SEP	271
APR	784	OCT	613
MAY	555	NOV	---
JUN	771	DEC	---

TOTAL DISCHARGE, 4 360 dam³

BATTLE CREEK NEAR CONSUL - STATION NO 11AB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.5008	0.211	0.205	0.194	0	0	0	---	---	1
2	---	---	---	0.5008	0.213	0.207	0.172	0	0	0	---	---	2
3	---	---	---	0.5008	0.577	0.254	0.140	0	0	0.094	---	---	3
4	---	---	---	0.5018	0.301	0.254	0.122	0	0	0.118	---	---	4
5	---	---	---	0.5028	0.182	0.264	0.106	0	0	0.112	---	---	5
6	---	---	---	0.5048	0.133	0.253	0.093	0	0	0.119	---	---	6
7	---	---	---	0.5038	0.087	0.239	0.085	0	0	0.115	---	---	7
8	---	---	---	0.5048	0.078	0.230	0.081	0	0	0.128	---	---	8
9	---	---	---	0.5058	0.067	0.229	0.071	0	0	0.127	---	---	9
10	---	---	---	0.5058	0.125	0.221	0.063	0	0	0.131	---	---	10
11	---	---	---	0.5128	0.228	0.212	0.058	0	0	0.129	---	---	11
12	---	---	---	0.507	0.167	0.198	0.050	0	0	0.120	---	---	12
13	---	---	---	0.489	0.152	0.189	0.039	0	0	0.121	---	---	13
14	---	---	---	0.499	0.250	0.273	0.045	0	0	0.123	---	---	14
15	---	---	---	0.735	0.224	0.578	0.047	0	0	0.121	---	---	15
16	---	---	---	0.551	0.510	0.587	0.042	0	0	0.124	---	---	16
17	---	---	---	0.480	0.573	0.442	0.038	0	0	0.1058	---	---	17
18	---	---	---	0.423	0.464	0.338	0.027	0	0	0.1018	---	---	18
19	---	---	---	0.517	0.450	0.270	0.021	0	0	0.0978	---	---	19
20	---	---	---	0.575	0.424	0.248	0.019	0	0	0.1128	---	---	20
21	---	---	---	0.608	0.272	0.236	0.021	0	0	0.1188	---	---	21
22	---	---	---	0.519	0.200	0.231	0.018	0	0	0.1238	---	---	22
23	---	---	---	0.504	0.337	0.225	0.308	0	0	0.1298	---	---	23
24	---	---	---	0.429	0.520	0.211	0.002	0	0	0.1968	---	---	24
25	---	---	---	0.408	0.341	0.203	0.006	0	0	0.2178	---	---	25
26	---	---	---	0.380	0.866	0.211	0.001	0	0	0.2208	---	---	26
27	---	---	---	0.311	1.09	0.215	0	0	0	0.1568	---	---	27
28	---	---	---	0.245	1.21	0.224	0	0	0	0.1848	---	---	28
29	---	---	---	0.233	0.984	0.226	0	0	0	0.1628	---	---	29
30	---	---	---	0.219	0.483	0.212	0	0	0	0.2508	---	---	30
31	---		---		0.248		0	0		0.2508		---	31
TOTAL	---	---	---	15.466	11.977	7.876	1.579	0	0	4.092	---	---	TOTAL
MEAN	---	---	---	0.516	0.386	0.263	0.051	0	0	0.132	---	---	MEAN
MAX	---	---	---	0.735	1.21	0.578	0.194	0	0	0.250	---	---	MAX
MIN	---	---	---	0.219	0.067	0.198	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUL 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 12 N
LONG 109 31 22 W
DRAINAGE AREA, 1 850 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	136
FEB	---	AUG	0
MAR	---	SEP	0
APR	1 340	OCT	354
MAY	1 030	NOV	---
JUN	680	DEC	---

BATTLE RIVER AT BATTLEFORD - STATION NO 05FF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.188	16.68	10.3	6.06	7.33	2.58	1.01	1.63	1.07 B	---	1
2	---	---	1.238	19.78	9.93	5.86	8.76	2.38	1.07	4.61	1.09 B	---	2
3	---	---	1.308	21.68	9.67	5.56	8.23	2.38	1.06	8.62	0.9818	---	3
4	---	---	1.368	18.68	9.47	5.31	5.86	2.45	0.986	8.39	1.01 B	---	4
5	---	---	1.358	22.68	9.10	5.07	5.64	2.45	0.936	5.81	1.13 B	---	5
6	---	---	1.378	28.38	8.81	5.04	5.50	2.36	0.889	5.26	1.15 B	---	6
7	---	---	1.368	27.78	8.52	5.27	5.13	2.28	0.976	4.83	1.15 B	---	7
8	---	---	1.318	26.78	8.26	5.58	4.79	2.36	1.12	4.42	---	---	8
9	---	---	1.328	26.48	7.85	5.60	4.59	2.30	1.08	4.06	---	---	9
10	---	---	1.318	24.7	7.41	5.53	4.38	2.17	1.03	3.85	---	---	10
11	---	---	1.318	22.1	7.13	5.72	4.06	2.12	1.01	3.60	---	---	11
12	---	---	1.348	19.5	6.78	5.88	3.95	2.02	1.02	3.37	---	---	12
13	---	---	1.398	17.1	6.53	7.52	3.93	1.92	1.05	3.24	---	---	13
14	---	---	1.438	16.3	6.37	8.63	4.04	1.87	1.04	3.10	---	---	14
15	---	---	1.478	16.1	6.16	8.82	3.74	1.78	1.03	2.99	---	---	15
16	---	---	1.568	16.0	5.78	8.33	3.57	1.68	0.959	2.96	---	---	16
17	---	---	1.578	15.7	7.01	7.87	3.44	1.49	0.951	3.06	---	---	17
18	---	---	1.628	15.3	6.99	7.53	3.34	1.62	0.944	2.96	---	---	18
19	---	---	1.738	15.1	6.64	7.46	3.33	1.77	0.973	3.25	---	---	19
20	---	---	1.928	14.5	6.55	7.93	3.28	1.90	0.920	2.99	---	---	20
21	---	---	1.995	14.4	6.51	8.27	3.44	1.75	1.21	2.79	---	---	21
22	---	---	2.508	13.5	6.61	8.12	3.58	1.57	1.65	2.72	---	---	22
23	---	---	2.658	13.4	6.61	8.20	3.22	1.52	1.62	2.57	---	---	23
24	---	---	2.938	13.1	6.94	8.75	3.14	1.51	1.62	2.52	---	---	24
25	---	---	3.228	12.4	8.93	8.58	3.04	1.46	1.80	2.30 B	---	---	25
26	---	---	6.228	12.1	6.86	8.52	2.98	1.52	1.80	2.25 B	---	---	26
27	---	---	14.1 B	12.2	6.77	8.51	2.92	1.38	1.67	1.91 B	---	---	27
28	---	1.128	15.1 B	12.0	7.08	8.53	2.78	1.23	1.56	1.50 B	---	---	28
29	---	1.158	17.4 B	11.4	6.54	8.56	2.64	1.14	1.44	1.22 B	---	---	29
30	---		18.7 B	10.8	6.22	8.25	2.71	1.02	1.44	0.8378	---	---	30
31	---		19.6 B		6.33		2.64	0.982		1.06 B		---	31
TOTAL	---	---	132.01	529.9	229.57	214.86	125.94	58.982	35.884	100.677	---	---	TOTAL
MEAN	---	---	4.26	17.7	7.41	7.16	4.06	1.84	1.20	3.25	---	---	MEAN
MAX	---	---	19.7	28.7	10.3	8.82	7.33	2.58	1.80	8.62	---	---	MAX
MIN	---	---	1.18	10.8	6.16	5.04	2.64	0.982	0.889	0.837	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.82
MAXIMUM DAILY, 28.78 ON APR 8
MINIMUM DAILY, 0.8378 ON OCT 30
MAXIMUM INSTANTANEOUS,
31.38 AT 14 43 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 07 N
LONG 108 20 09 W
DRAINAGE AREA, 30 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	10 900
FEB	---	AUG	4 920
MAR	11 400	SEP	3 100
APR	46 800	OCT	8 700
MAY	19 800	NOV	---
JUN	18 600	DEC	---

TOTAL DISCHARGE, 123 000 dam³

BEAR CREEK NEAR PIAPOT - STATION NO 05HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2308	0.342	0.193	0.135	0.017	0	0	0	---	---	1
2	---	---	0.2208	0.352	0.193	0.132	0.013	0	0	0	---	---	2
3	---	---	0.2258	0.404	0.203	0.122	0.011	0	0	0	---	---	3
4	---	---	0.2018	0.411	0.198	0.126	0.010	0	0	0	---	---	4
5	---	---	0.1748	0.440	0.195	0.144	0.008	0	0	0	---	---	5
6	---	---	0.1998	0.488	0.196	0.207	0.008	0	0	0	---	---	6
7	---	---	0.1828	0.507	0.198	0.190	0.008	0	0	0	---	---	7
8	---	---	0.1878	0.475	0.198	0.160	0.013	0	0	0	---	---	8
9	---	---	0.1828	0.470	0.218	0.130	0.014	0	0	0	---	---	9
10	---	---	0.1958	0.538	0.204	0.141	0.012	0	0	0	---	---	10
11	---	---	0.1818	0.350	0.190	0.144	0.011	0	0	0	---	---	11
12	---	---	0.2388	0.377	0.192	0.138	0.010	0	0	0	---	---	12
13	---	0.1918	0.2058	0.434	0.181	0.116	0.005	0	0	0	---	---	13
14	---	0.1908	0.2088	0.289	0.170	0.093	0.002	0	0	0	---	---	14
15	---	0.1888	0.1798	0.262	0.180	0.073	0.001	0	0	0	---	---	15
16	---	0.1868	0.1958	0.239	0.220	0.067	0	0	0	0	---	---	16
17	---	0.1838	0.2048	0.233	0.222	0.052	0	0	0	0	---	---	17
18	---	0.1698	0.2318	0.230	0.233	0.047	0	0	0	0	---	---	18
19	---	0.1768	0.2768	0.206	0.213	0.033	0	0	0	0	---	---	19
20	---	0.2258	0.3578	0.193	0.189	0.078	0	0	0	0	---	---	20
21	---	0.2608	0.440	0.188	0.186	0.097	0	0	0	0	---	---	21
22	---	0.3118	0.446	0.193	0.163	0.123	0	0	0	0	---	---	22
23	---	0.2568	0.488	0.200	0.164	0.131	0	0	0	0	---	---	23
24	---	0.2268	0.507	0.203	0.156	0.135	0	0	0	0	---	---	24
25	---	0.2258	0.767	0.215	0.161	0.101	0	0	0	0	---	---	25
26	---	0.2318	0.654	0.228	0.158	0.079	0	0	0	0	---	---	26
27	---	0.1698	0.558	0.227	0.156	0.058	0	0	0	0.0088	---	---	27
28	---	0.1698	0.485	0.218	0.185	0.042	0	0	0	0.0068	---	---	28
29	---	0.2348	0.484	0.203	0.235	0.033	0	0	0	0.0038	---	---	29
30	---		0.410	0.198	0.209	0.027	0	0	0	0.0028	---	---	30
31	---		0.360		0.171		0	0		0.0018		---	31
TOTAL	---	---	9.928	8.321	5.907	3.154	0.141	0	0	0.020	---	---	TOTAL
MEAN	---	---	0.320	0.311	0.181	0.105	0.005	0	0	0.001	---	---	MEAN
MAX	---	---	0.767	0.538	0.235	0.207	0.017	0	0	0.008	---	---	MAX
MIN	---	---	0.174	0.193	0.156	0.022	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.116
MAXIMUM DAILY, 0.767 ON MAR 25
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
0.926 AT 04:50 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 55 N
LONG 109 06 20 W
DRAINAGE AREA, 253 km²

B - ICE CONDITIONS

REGULATED

REMARKS - SOME FLOW OCCURRED IN FEBRUARY, OUTSIDE THE STANDARD PERIOD

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12.2
FEB	---	AUG	0
MAR	858	SEP	0
APR	805	OCT	1.73
MAY	510	NOV	---
JUN	273	DEC	---

TOTAL DISCHARGE, 2 460 dam³

BEAVER CREEK AT INTERNATIONAL BOUNDARY - STATION NO 11AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0548	0.178	0.040	0.023	0.018	0.018	0.020	0.023	0.0348	---	1
2	---	---	0.0448	0.262	0.041	0.023	0.017	0.020	0.021	0.024	0.0348	---	2
3	---	---	0.0448	0.196	0.041	0.023	0.017	0.020	0.021	0.023	0.0348	---	3
4	---	---	0.0408	0.146	0.040	0.022	0.017	0.018	0.020	0.024	0.0348	---	4
5	---	---	0.0378	0.125	0.039	0.022	0.017	0.018	0.020	0.025	0.0348	---	5
6	---	---	0.0368	0.116	0.038	0.025	0.017	0.018	0.020	0.024	0.0348	---	6
7	---	---	0.0358	0.105	0.039	0.025	0.016	0.018	0.021	0.025	0.0348	---	7
8	---	---	0.0348	0.096	0.039	0.025	0.015	0.019	0.023	0.025	0.0358	---	8
9	---	---	0.0338	0.092	0.038	0.024	0.015	0.019	0.023	0.025	0.0358	---	9
10	---	---	0.0338	0.087	0.035	0.024	0.015	0.018	0.023	0.026	0.0348	---	10
11	---	---	0.0328	0.082	0.034	0.027	0.014	0.018	0.022	0.026	0.0348	---	11
12	---	---	0.0328	0.077	0.034	0.028	0.014	0.019	0.023	0.027	0.0348	---	12
13	---	---	0.0318	0.070	0.033	0.027	0.015	0.019	0.022	0.026	0.0348	---	13
14	---	---	0.0318	0.067	0.032	0.026	0.015	0.020	0.022	0.026	0.0348	---	14
15	---	---	0.0308	0.063	0.030	0.025	0.015	0.019	0.022	0.027	0.0348	---	15
16	---	---	0.0308	0.057	0.029	0.024	0.015	0.018	0.022	0.029	0.0348	---	16
17	---	---	0.0308	0.053	0.028	0.023	0.015	0.017	0.021	0.0298	0.0348	---	17
18	---	---	0.0648	0.051	0.027	0.024	0.015	0.017	0.021	0.0298	0.0348	---	18
19	---	---	0.5788	0.048	0.027	0.023	0.015	0.017	0.021	0.0298	0.0348	---	19
20	---	---	3.428	0.045	0.027	0.023	0.016	0.017	0.022	0.0318	0.0338	---	20
21	---	---	5.058	0.046	0.026	0.024	0.016	0.017	0.024	0.0318	0.0328	---	21
22	---	---	3.078	0.045	0.025	0.024	0.016	0.018	0.025	0.0318	0.0318	---	22
23	---	---	2.118	0.044	0.026	0.024	0.015	0.017	0.024	0.0318	0.0318	---	23
24	---	---	1.848	0.043	0.026	0.023	0.015	0.017	0.026	0.0318	0.0308	---	24
25	---	---	1.848	0.043	0.026	0.022	0.016	0.017	0.026	0.0318	0.0308	---	25
26	---	---	1.338	0.043	0.026	0.022	0.016	0.017	0.026	0.0338	0.0308	---	26
27	---	---	0.688	0.0428	0.024	0.021	0.015	0.017	0.025	0.0338	0.0298	---	27
28	---	---	0.388	0.0428	0.024	0.020	0.015	0.017	0.026	0.0348	0.0298	---	28
29	---	---	0.305	0.042	0.024	0.018	0.016	0.017	0.025	0.0348	0.0298	---	29
30	---	---	0.245	0.041	0.024	0.018	0.016	0.018	0.024	0.0348		---	30
31	---	---	0.207		0.023		0.016	0.019		0.0348		---	31
TOTAL	---	---	21.521	2.447	0.985	0.702	0.488	0.560	0.681	0.880	0.981	---	TOTAL
MEAN	---	---	0.695	0.082	0.031	0.023	0.016	0.018	0.023	0.028	0.033	---	MEAN
MAX	---	---	5.05	0.282	0.041	0.028	0.018	0.020	0.026	0.034	0.035	---	MAX
MIN	---	---	0.030	0.041	0.023	0.018	0.014	0.017	0.020	0.023	0.028	---	MIN

SUMMARY FOR THE MONTHS MAR TO NOV

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.106
MAXIMUM DAILY, 5.058 ON MAR 21
MINIMUM DAILY, 0.014 ON JUL 11
MAXIMUM INSTANTANEOUS,
5.648 AT 03:43 CST ON MAR 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 59 N
LONG 105 02 05 W
DRAINAGE AREA, 385 km²

B - ICE CONDITIONS

NATURAL FLOW

REMARKS - SIGNIFICANT FLOW OCCURRED IN FEBRUARY AND IS NOT INCLUDED IN THE SUMMARY

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	42.2
FEB	---	AUG	48.4
MAR	1 660	SEP	58.8
APR	211	OCT	76.0
MAY	83.4	NOV	84.8
JUN	60.7	DEC	---

TOTAL DISCHARGE, 2 530 dam³

BEAVER RIVER BELOW WATERHEN RIVER - STATION NO. 05AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.58	11.0 B	16.3 B	21.48	44.8	120	93.0E	37.8	26.1	29.5	23.78	20.18	1
2	11.58	10.9 B	16.5 B	23.28	43.5	120	90.0E	36.7	26.0	29.2	24.48	20.28	2
3	11.58	10.9 B	16.5 B	25.78	41.9	117	87.4A	36.2	26.1	28.9	25.38	20.48	3
4	11.58	10.9 B	16.3 B	28.78	40.9	113	83.5	35.3	26.9	28.3	25.28	20.58	4
5	10.98	10.6 B	16.3 B	33.48	39.7	110	79.7	34.6	27.4	28.1	24.58	20.48	5
6	10.48	10.4 B	15.0 B	38.18	38.4	105	76.3	33.9	27.0	28.0	23.18	19.88	6
7	10.18	10.3 B	14.8 B	37.58	37.7	105	74.5	34.5	28.8	27.7	22.08	19.68	7
8	10.58	10.2 B	9.448	40.48	36.8	113	72.1	34.7	29.3	27.6	21.98	20.28	8
9	10.58	10.3 B	9.128	45.58	36.1	119	70.5	35.2	28.8	27.4	20.58	20.28	9
10	10.48	10.2 B	10.2 B	50.08	36.3	121	67.2	36.1	28.4	27.1	20.28	20.18	10
11	10.48	10.0 B	9.608	64.68	36.3	122	64.8	35.0	28.2	26.9	20.48	19.68	11
12	10.58	9.988	9.728	59.2	35.6	122	62.2	33.5	28.1	27.0	20.98	18.58	12
13	10.68	10.1 B	10.6 B	54.1	34.1	122 E	60.4	32.6	27.7	27.0	21.38	18.38	13
14	10.88	10.1 B	10.5 B	51.7	33.2	122 E	60.4	32.2	27.4	27.2	20.68	18.28	14
15	10.78	10.2 B	10.3 B	50.9	32.5	121 E	60.3	31.6	27.4	27.2	18.58	18.18	15
16	10.78	10.3 B	10.6 B	50.9	33.3	121 E	60.3	31.0	27.3	27.8	17.98	17.78	16
17	10.58	10.5 B	10.7 B	51.6	41.2	120 E	59.2	30.4	27.4	28.3	17.78	17.78	17
18	10.68	10.7 B	11.0 B	52.5	55.1	119 E	56.8	30.0	27.6	29.2	17.88	17.28	18
19	10.98	10.8 B	11.8 B	52.6	59.1	118 E	54.5	30.1	27.9	29.2	17.78	16.78	19
20	11.18	11.0 B	12.8 B	52.4	63.2	117 E	53.8	30.3	28.5	29.4	17.78	16.68	20
21	11.18	11.2 B	14.3 B	52.9	74.7	116 E	53.8	30.7	29.1	30.3	17.88	16.58	21
22	11.38	11.6 B	15.4 B	53.3	80.8	115 E	52.5	29.8	30.6	30.8	17.98	15.98	22
23	11.48	12.2 B	16.1 B	52.5	84.2	113 E	51.4	29.4	30.6	30.9	18.08	15.38	23
24	11.38	13.5 B	16.5 B	51.8	93.7	111 E	50.0	29.5	30.9	31.0	18.38	14.88	24
25	11.48	14.8 B	16.7 B	50.5	98.8	109 E	48.5	29.5	31.3	30.8	18.88	14.28	25
26	11.48	15.1 B	16.9 B	48.8	98.2	106 E	46.8	29.2	31.3	30.0	18.98	13.88	26
27	11.48	14.8 B	17.3 B	48.4	102	103 E	44.8	29.2	31.0	22.88	19.38	13.78	27
28	11.38	15.6 B	17.9 B	48.0	105	101 E	43.4	28.6	30.8	13.98	19.68	13.48	28
29	11.38	15.5 B	18.6 B	46.6	109	99.0E	42.2	28.2	30.5	27.88	19.88	13.18	29
30	11.18		19.2 B	45.7	112	96.0E	41.1	27.9	30.0	21.48	20.08	12.78	30
31	11.18		20.2 B		117		39.3	27.1		19.88		12.48	31
TOTAL	339.5	335.68	436.16	1 382.9	1 893.9	3 416.0	1 900.7	990.8	858.4	851.3	609.5	535.9	TOTAL
MEAN	11.0	11.6	14.1	46.1	61.1	114	61.3	32.0	28.6	27.5	20.3	17.3	MEAN
MAX	11.5	15.6	20.2	64.6	117	122	93.0	37.8	31.3	31.0	25.3	20.5	MAX
MIN	10.1	9.98	9.12	21.4	32.5	96.0	39.3	27.1	26.0	13.9	17.7	12.4	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.0
MAXIMUM DAILY, 122 ON JUN 11
MINIMUM DAILY, 9.128 ON MAR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 05 N
LONG 107 48 38 W
DRAINAGE AREA, 45 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 300	JUL	164 000
FEB	29 000	AUG	85 500
MAR	37 700	SEP	74 200
APR	119 000	OCT	73 500
MAY	164 000	NOV	52 700
JUN	295 000	DEC	46 300

TOTAL DISCHARGE, 1 170 000 dam³

BEAVER RIVER NEAR DORINTOSH - STATION NO. 05AD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.44 B	2.32B	2.59B	12.6B	15.9	68.1	32.1	13.4	8.17	7.94	5.868	5.758	1
2	2.38 B	2.54B	2.50B	23.3B	15.5	67.9	30.5	12.9	8.23	7.78	5.868	5.798	2
3	2.73 B	2.32B	2.49B	30.3B	15.2	66.4	28.9	12.6	8.05	7.74	5.778	5.798	3
4	2.62 B	2.09B	2.44B	30.1B	14.7	65.2	27.5	12.1	5.80	7.74	7.358	5.838	4
5	2.25 B	1.94B	2.43B	32.8B	14.2	65.6	26.3	11.8	5.85	7.70	7.688	5.838	5
6	1.93 B	2.03B	2.42B	42.9B	13.8	73.7	25.1	11.5	5.45	7.65	7.618	5.928	6
7	1.51 B	2.02B	2.40B	47.0B	13.5	83.6	23.8	14.0	5.84	7.54	8.188	5.958	7
8	1.20 B	1.96B	2.31B	45.0B	13.2	92.0	22.3	13.4	5.92	7.47	8.878	5.888	8
9	0.983B	1.87B	2.30B	41.0E	12.8	96.4	21.5	11.8	5.84	7.54	9.078	5.728	9
10	0.918B	1.89B	2.42B	37.0E	12.6	97.0	20.8	11.3	5.82	7.28	8.788	5.698	10
11	1.02 B	1.85B	2.49B	34.3A	12.3	95.1	20.0	11.0	5.85	7.05	8.348	5.598	11
12	1.17 B	1.91B	2.54B	31.0	12.0	92.4	19.6	10.9	6.33	7.06	7.948	5.498	12
13	1.22 B	1.93B	2.61B	29.4	11.6	89.9	19.8	10.5	6.83	6.98	7.888	5.328	13
14	1.22 B	1.94B	2.67B	28.1	11.5	86.2	22.1	10.1	7.31	6.74	7.868	5.238	14
15	1.32 B	2.29B	2.72B	27.8	11.8	82.1	22.2	9.65	7.81	6.54	7.738	5.008	15
16	1.35 B	2.51B	2.73B	27.1	12.1	78.4	20.9	9.72	8.51	6.80	7.498	5.008	16
17	1.36 B	2.58B	2.74B	25.6	13.6	74.6	20.0	9.92	9.25	7.24	7.318	4.978	17
18	1.38 B	2.70B	2.77B	25.4	17.7	70.0	19.3	9.90	9.51	7.86	7.078	4.918	18
19	1.44 B	2.84B	2.81B	25.1	20.6	64.9	18.3	9.79	9.69	8.12	6.918	4.808	19
20	1.48 B	2.92B	2.79B	23.9	23.0	60.8	19.5	9.46	9.65	8.47	6.928	4.588	20
21	1.64 B	2.93B	2.68B	23.0	30.4	57.8	18.6	9.30	9.64	8.85	6.728	4.688	21
22	1.80 B	2.93B	2.52B	22.0	34.0	54.8	18.7	9.20	9.97	9.22	6.448	4.288	22
23	1.97 B	2.87B	2.37B	21.2	34.8	52.1	18.3	8.82	10.1	9.68	6.208	4.018	23
24	2.03 B	2.75B	2.17B	20.9	36.8	49.6	18.8	8.71	10.2	10.4	6.018	3.818	24
25	1.87 B	2.70B	2.03B	20.3	45.9	45.9	17.7	8.80	9.84	10.9	5.838	3.728	25
26	1.87 B	2.67B	1.96B	19.5	52.9	44.7	17.2	8.06	9.41	11.7	5.568	3.808	26
27	2.05 B	2.55B	2.17B	18.5	58.6	42.2	16.5	7.84	9.06	11.1 B	5.488	3.798	27
28	2.22 B	2.58B	2.61B	17.7	62.5	39.9	16.0	7.38	8.71	8.848	5.498	3.838	28
29	2.23 B	2.55B	3.64B	17.1	66.0	37.5	15.2	6.89	8.33	7.048	5.598	3.848	29
30	2.14 B		5.57B	16.5	67.5	34.7	14.4	6.56	8.11	5.568	5.698	3.828	30
31	2.18 B		7.89B		67.3		14.0	6.32		5.028		3.718	31
TOTAL	53.921	69.03	86.82	818.8	846.4	2 031.5	649.7	313.32	232.78	248.35	212.47	154.31	TOTAL
MEAN	1.74	2.38	2.80	27.2	27.3	67.7	21.0	10.1	7.76	8.01	7.08	4.91	MEAN
MAX	2.73	2.93	7.89	47.0	67.5	97.0	32.1	14.0	10.2	11.7	9.07	5.95	MAX
MIN	0.918	1.85	1.96	12.6	11.5	34.7	14.0	6.32	5.45	5.56	5.48	3.71	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 97.0 ON JUN 10
MINIMUM DAILY, 0.918B ON JAN 10
MAXIMUM INSTANTANEOUS,
97.4 AT 23:19 CST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 47 N
LONG 108 38 16 W
DRAINAGE AREA, 20 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 850	JUL	58 100
FEB	5 960	AUG	27 100
MAR	7 500	SEP	23 100
APR	70 800	OCT	21 500
MAY	73 100	NOV	18 400
JUN	178 000	DEC	13 200

TOTAL DISCHARGE, 484 000 dam³

BECKETT BROOK NEAR FOAM LAKE - STATION NO 05MA022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3068	0.003	0.001	0.001	0	0	0	---	---	1
2	---	---	0 B	0.2878	0.002	0	0.001	0	0	0	---	---	2
3	---	---	0 B	0.585	0.001	0	0	0	0	0	---	---	3
4	---	---	0 B	0.557	0.002	0	0	0	0	0	---	---	4
5	---	---	0 B	0.497	0.001	0	0	0	0	0	---	---	5
6	---	---	0 B	0.358	0.001	0	0	0	0	0	---	---	6
7	---	---	0 B	0.192	0.001	0.001	0	0	0	0	---	---	7
8	---	---	0 B	0.112	0.001	0.001	0	0	0	0	---	---	8
9	---	---	0 B	0.259	0.001	0.001	0	0	0	0	---	---	9
10	---	---	0 B	0.217	0.002	0.001	0	0	0	0	---	---	10
11	---	---	0 B	0.124	0.002	0.001	0	0	0	0	---	---	11
12	---	---	0 B	0.043	0.011	0	0.097	0	0	0	---	---	12
13	---	---	0 B	0.253	0.017	0	0.001	0	0	0	---	---	13
14	---	---	0 B	0.130	0.010	0	0.002	0	0	0	---	---	14
15	---	---	0 B	0.091	0.007	0	0.007	0	0	0	---	---	15
16	---	---	0 B	0.059	0.005	0.001	0	0	0	0	---	---	16
17	---	---	0 B	0.041	0.016	0.001	0	0	0	0	---	---	17
18	---	---	0 B	0.031	0.017	0.001	0	0	0	0	---	---	18
19	---	---	0 B	0.024	0.013	0.001	0	0	0	0	---	---	19
20	---	---	0 B	0.023	0.014	0.001	0	0	0	0	---	---	20
21	---	---	0 B	0.014	0.010	0.001	0	0	0	0	---	---	21
22	---	---	0.0018	0.010	0.011	0.001	0	0	0	0	---	---	22
23	---	---	0.0058	0.011	0.013	0.002	0	0	0	0	---	---	23
24	---	---	0.0108	0.059	0.013	0.001	0	0	0	0	---	---	.4
25	---	---	0.1508	0.044	0.021	0.001	0.007	0	0	0	---	---	25
26	---	---	0.3418	0.030	0.018	0.001	0	0	0	0	---	---	26
27	---	---	0.2038	0.019	0.007	0.001	0	0	0	0	---	---	27
28	---	---	0.1508	0.020	0.003	0.001	0	0	0	0	---	---	28
29	---	---	0.6938	0.008	0.002	0.001	0	0	0	0	---	---	29
30	---		0.5508	0.004	0.002	0.001	0	0	0	0	---	---	30
31	---		0.4598		0.001		0	0		0		---	31
TOTAL	---	---	2.562	4.408	0.228	0.022	0.111	0	0	0	---	---	TOTAL
MEAN	---	---	0.083	0.147	0.007	0.001	0.004	0	0	0	---	---	MEAN
MAX	---	---	0.693	0.585	0.021	0.002	0.097	0	0	0	---	---	MAX
MIN	---	---	0	0.004	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 0.6938 ON MAR 29
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.21 AT 10 41 CST ON JUL 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 30 N
LONG 103 36 12 W
DRAINAGE AREA, 832 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.59
FEB	---	AUG	0
MAR	221	SEP	0
APR	381	OCT	0
MAY	19.7	NOV	---
JUN	1.90	DEC	---

TOTAL DISCHARGE, 633 dam³

BELANGER CREEK DIVERSION TO CYPRESS LAKE - STATION NO 11AC064

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.004	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0.265	0	0	0	0	0	0	---	---	5
6	---	---	0	1.34	0	0	0	0	0	0	---	---	6
7	---	---	0	1.45	0	0	0	0	0	0	---	---	7
8	---	---	0	1.29	0	0	0	0	0	0	---	---	8
9	---	---	0	1.24	0	0	0	0	0	0	---	---	9
10	---	---	0	1.39	0	0	0	0	0	0	---	---	10
11	---	---	0	0.893	0	0	0	0	0	0	---	---	11
12	---	---	0	0.593	0	0	0	0	0	0	---	---	12
13	---	---	0	0.370	0	0	0	0	0	0	---	---	13
14	---	---	0	0.216	0	0	0	0	0	0	---	---	14
15	---	---	0	0.145	0	0	0	0	0	0	---	---	15
16	---	---	0	0.083	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	0	0 B	0	0.084	0	0	0	0	0	---	---	20
21	---	0	0 B	0	0.183	0	0	0	0	0	---	---	21
22	---	0	0 B	0	0.172	0.005	0	0	0	0	---	---	22
23	---	0	0 B	0	0.188	0.180	0	0	0	0	---	---	23
24	---	0	0 B	0	0.194	0.075	0	0	0	0	---	---	24
25	---	0	0 B	0	0.198	0.003	0	0	0	0	---	---	25
26	---	0	0 B	0	0.200	0	0	0	0	0	---	---	26
27	---	0	0 B	0	0.288	0	0	0	0	0	---	---	27
28	---	0	0 B	0	0.212	0	0	0	0	0	---	---	28
29	---	0	0 B	0	0.007	0	0	0	0	0	---	---	29
30	---		0.0088	0	0	0	0	0		0	---	---	30
31	---		0.0128		0		0	0		0		---	31
TOTAL	---	---	0.020	9.159	1.886	0.263	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.305	0.064	0.008	0	0	0	0	---	---	MEAN
MAX	---	---	0.012	1.45	0.288	0.180	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.045
MAXIMUM DAILY, 1.45 ON APR 7
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 25 39 N
LONG 109 21 54 W

B - ICE CONDITIONS

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.73	SEP	0
APR	781	OCT	0
MAY	146	NOV	---
JUN	21.0	DEC	---

TOTAL DISCHARGE, 950 dam³

BIG GULLY CREEK NEAR MAIDSTONE - STATION NO. 05EF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	3 52	1 21	0 454	0 172	0	0	0	---	---	1
2	---	---	0 B	4 09	1 03	0 436	0 064	0	0	0	---	---	2
3	---	---	0 B	3 94	0 907	0 342	0 043	0	0	0	---	---	3
4	---	---	0 B	3 40	0 837	0 274	0 049	0	0	0	---	---	4
5	---	---	0 B	3 62	0 769	0 241	0 049	0	0	0	---	---	5
6	---	---	0 B	3 77	0 685	0 182	0 044	0	0	0	---	---	6
7	---	---	0 B	3 80	0 671	0 146	0 068	0	0	0	---	---	7
8	---	---	0 B	3 98	0 623	0 195	0 048	0	0	0	---	---	8
9	---	---	0 B	4 31	0 587	0 401	0 038	0	0	0	---	---	9
10	---	---	0 B	4 54	0 610	0 428	0 034	0	0	0	---	---	10
11	---	---	0 B	4 56	0 571	0 487	0 034	0	0	0	---	---	11
12	---	---	0 B	4 51	0 479	0 780	0 020	0	0	0	---	---	12
13	---	---	0 B	4 15	0 396	1 18	0 022	0	0	0	---	---	13
14	---	---	0 B	3 81	0 354	1 07	0 045	0	0	0	---	---	14
15	---	---	0 B	3 47	0 314	1 00	0 037	0	0	0	---	---	15
16	---	---	0 B	3 16	0 400	0 874	0 020	0	0	0	---	---	16
17	---	---	0 B	2 89	0 545	0 728	0 008	0	0	0	---	---	17
18	---	---	0 B	2 80	0 781	0 688	0 001	0	0	0	---	---	18
19	---	---	0 B	2 45	0 531	0 648	0	0	0	0	---	---	19
20	---	---	0 B	2 32	0 649	0 643	0	0	0	0	---	---	20
21	---	---	0 0018	2 17	0 823	0 574	0	0	0	0	---	---	21
22	---	---	0 0018	2 03	0 885	0 565	0	0	0	0	---	---	22
23	---	---	0 0028	1 90	0 778	0 460	0	0	0	0	---	---	23
24	---	---	0 0028	1 81	0 917	0 402	0	0	0	0	---	---	24
25	---	---	0 0758	1 69	0 865	0 307	0	0	0	0	---	---	25
26	---	---	0 1738	1 64	0 704	0 289	0	0	0	0	---	---	26
27	---	---	0 2398	1 62	0 532	0 252	0	0	0	0	---	---	27
28	---	---	0 1518	1 62	0 661	0 242	0 001	0	0	0	---	---	28
29	---	---	0 1658	1 46	1 35	0 218	0	0	0	0	---	---	29
30	---		0 3178	1 32	0 762	0 197	0	0	0	0	---	---	30
31	---		1 73		0 459		0	0		0		---	31
TOTAL	---	---	3 856	90 15	21 765	14 709	6 797	0	0	0	---	---	TOTAL
MEAN	---	---	0 092	3 01	0 702	0 490	0 026	0	0	0	---	---	MEAN
MAX	---	---	1 73	4 56	1 35	1 18	0 172	0	0	0	---	---	MAX
MIN	---	---	0	1 32	0 314	0 146	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 532
MAXIMUM DAILY, 4 56 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5 06 AT 19 40 CST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 109 17 45 W
DRAINAGE AREA, 1 620 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	68 9
FEB	---	AUG	0
MAR	247	SEP	0
APR	7 780	OCT	0
MAY	1 880	NOV	---
JUN	1 270	DEC	---

TOTAL DISCHARGE, 11 300 dam³

BIG QUILL LAKE NEAR KANDAHAR - STATION NO 05MA010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	514 872	---	---	---	---	1
2	---	---	---	---	---	---	515 066	---	---	---	---	---	2
3	---	---	---	---	---	515 069	---	---	---	514 752	---	514 74[illegible]	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	514 864	514 670	---	---	---	5
6	---	---	---	---	---	---	---	---	---	514 754	---	---	6
7	---	---	---	---	---	---	515 031	---	---	---	---	---	7
8	---	---	---	---	515 112	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	515 084	---	---	514 688	514 752	---	---	11
12	---	---	---	---	---	---	---	514 855	---	---	---	---	12
13	---	---	---	---	515 099	---	514 995	---	514 720	---	---	---	13
14	---	---	---	---	---	515 076	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	515 095	---	---	514 863	514 726	---	---	---	18
19	---	---	---	---	---	515 069	514 932	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	514 790	---	---	---	---	23
24	---	---	---	---	515 086	---	514 893	---	---	---	---	---	24
25	---	---	---	---	---	---	---	514 742	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	515 080	---	---	---	---	---	---	27
28	---	---	---	---	---	---	514 879	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	514 748	---	---	---	29
30	---		---	---	515 081	---	---	---	---	---	---	---	30
31	---		---		---		---	514 854		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 46 54 N
LONG 104 19 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG SANDY LAKE ON THE HANSON LAKE ROAD - STATION NO. 05KF004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	393.736	393.743	393.701	---	---	---	---	1
2	---	---	---	---	---	393.718	393.722	393.701	---	---	---	---	2
3	---	---	---	---	---	393.716	393.722	393.701	---	---	---	---	3
4	---	---	---	---	---	393.723	393.722	393.700	---	---	---	---	4
5	---	---	---	---	---	393.727	393.718	393.700	---	---	---	---	5
6	---	---	---	---	---	393.728	393.715	393.698	---	---	---	---	6
7	---	---	---	---	---	393.743	393.711	393.698	---	---	---	---	7
8	---	---	---	---	---	393.744	393.707	---	---	---	---	---	8
9	---	---	---	---	---	393.748	393.705	---	---	---	---	---	9
10	---	---	---	---	---	393.748	393.704	---	---	---	---	---	10
11	---	---	---	---	---	393.748	393.708	---	---	---	---	---	11
12	---	---	---	---	---	393.759	393.704	---	---	---	---	---	12
13	---	---	---	---	---	393.759	393.708	---	---	---	---	---	13
14	---	---	---	---	---	393.758	393.707	---	---	---	---	---	14
15	---	---	---	---	---	393.759	393.705	---	---	---	---	---	15
16	---	---	---	---	393.640	393.756	393.707	---	---	---	---	---	16
17	---	---	---	---	393.640	393.758	393.709	---	---	---	---	---	17
18	---	---	---	---	393.645	393.774	393.713	---	---	---	---	---	18
19	---	---	---	---	393.685	393.808	393.712	---	---	---	---	---	19
20	---	---	---	---	393.695	393.807	393.714	---	---	---	---	---	20
21	---	---	---	---	393.715	393.807	393.714	---	---	---	---	---	21
22	---	---	---	---	393.720	393.807	393.718	---	---	---	393.600	---	22
23	---	---	---	---	393.720	393.785	393.715	---	---	---	---	---	23
24	---	---	---	---	393.718	393.776	393.711	---	---	---	---	---	24
25	---	---	---	---	393.722	393.776	393.707	---	---	---	---	---	25
26	---	---	---	---	393.728	393.778	393.705	---	---	---	---	---	26
27	---	---	---	---	393.733	393.776	393.704	393.583	---	---	---	---	27
28	---	---	---	---	393.733	393.743	393.702	393.550	---	---	---	---	28
29	---	---	---	---	393.731	393.743	393.702	---	---	---	---	---	29
30	---		---	---	393.731	393.741	393.702	393.535	---	---	---	---	30
31	---		---		393.732		393.701	---		---		---	31
MEAN	---	---	---	---	---	393.759	393.711	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	393.808	393.743	---	---	---	---	---	MAX
MIN	---	---	---	---	---	393.716	393.701	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 393.808 ON JUN 19

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 39 N
LONG 104 10 35 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIGSTONE LAKE NEAR LA RONGE - STATION NO. 06CA004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.825	0.827	0.780	0.750	0.849	1.045	1.058	0.954	0.884	0.891	0.913	0.908	1
2	0.871	0.827	0.780	0.749	0.840	1.071	1.056	0.954	0.881	0.897	0.910	0.907	2
3	0.842	0.828	0.779	0.750	0.834	1.067	1.055	0.950	0.877	0.888	0.909	0.905	3
4	0.834	0.825	0.778	0.750	0.838	1.052	1.042	0.947	0.870	0.873	0.907	0.903	4
5	0.832	0.823	0.774	0.752	0.836	1.048	1.028	0.943	0.880	0.874	0.906	0.901	5
6	0.830	0.817	0.774	0.754	0.844	1.048	1.012	0.936	0.856	0.877	0.904	0.900	6
7	0.828	0.814	0.775	0.758	0.853	1.029	1.019	0.951	0.839	0.879	0.904	0.903	7
8	0.823	0.812	0.774	0.766	0.855	1.037	1.019	0.942	0.859	0.878	0.903	0.902	8
9	0.822	0.811	0.774	0.772	0.825	1.055	1.016	0.936	0.885	0.881	0.901	0.900	9
10	0.819	0.808	0.774	0.777	0.841	1.068	1.011	0.931	0.890	0.881	0.900	0.898	10
11	0.816	0.808	0.771	0.779	0.865	1.063	1.006	0.922	0.895	0.873	0.898	0.898	11
12	0.814	0.803	0.768	0.784	0.872	1.051	0.998	0.914	0.894	0.873	0.897	0.893	12
13	0.813	0.802	0.763	0.789	0.877	1.047	0.993	0.918	0.900	0.879	0.904	0.891	13
14	0.810	0.804	0.764	0.791	0.858	1.054	1.014	0.947	0.904	0.885	0.913	0.888	14
15	0.810	0.803	0.761	0.796	0.850	1.058	1.023	0.934	0.906	0.886	0.917	0.888	15
16	0.809	0.802	0.757	0.801	0.864	1.053	1.031	0.928	0.904	0.895	0.915	0.886	16
17	0.806	0.802	0.756	0.807	0.902	1.067	1.022	0.924	0.906	0.893	0.911	0.883	17
18	0.803	0.801	0.755	0.813	0.934	1.080	1.018	0.917	0.908	0.894	0.909	0.879	18
19	0.800	0.799	0.754	0.813	0.941	1.088	1.007	0.917	0.911	0.903	0.906	0.880	19
20	0.797	0.796	0.756	0.823	0.928	1.087	1.001	0.924	0.906	0.913	0.905	0.881	20
21	0.801	0.795	0.756	0.839	0.958	1.074	1.014	0.921	0.890	0.921	0.905	0.880	21
22	0.803	0.794	0.754	0.846	0.984	1.074	1.019	0.921	0.869	0.925	0.905	0.879	22
23	0.827	0.791	0.755	0.850	0.986	1.074	1.007	0.914	0.889	0.924	0.903	0.876	23
24	0.835	0.787	0.754	0.855	0.988	1.074	0.998	0.917	0.892	0.914	0.907	0.874	24
25	0.831	0.785	0.756	0.861	1.001	1.084	0.990	0.916	0.891	0.909	0.909	0.869	25
26	0.830	0.785	0.757	0.865	1.010	1.080	0.987	0.918	0.897	0.919	0.909	0.865	26
27	0.828	0.784	0.756	0.865	1.021	1.074	0.979	0.908	0.904	0.925	0.908	0.863	27
28	0.828	0.779	0.755	0.865	1.027	1.071	0.971	0.923	0.898	0.918	0.907	0.859	28
29	0.831	0.779	0.753	0.853	1.030	1.059	0.968	0.935	0.893	0.915	0.909	0.856	29
30	0.832		0.751	0.854	1.029	1.066	0.983	0.917	0.888	0.914	0.909	0.853	30
31	0.831		0.750		1.038		0.959	0.898		0.912		0.852	31
MEAN	0.824	0.803	0.783	0.802	0.915	1.062	1.009	0.928	0.889	0.897	0.907	0.885	MEAN
MAX	0.875	0.828	0.780	0.855	1.038	1.084	1.058	0.954	0.911	0.925	0.917	0.908	MAX
MIN	0.797	0.779	0.750	0.749	0.825	1.029	0.959	0.898	0.839	0.873	0.897	0.852	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 0.890
MAXIMUM DAILY, 1.084 ON JUN 25
MINIMUM DAILY, 0.749 ON APR 2
MAXIMUM INSTANTANEOUS,
1.089 AT 15:07 CST ON JUL 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 50 W

REGULATED

DRAINAGE AREA,
7 280 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

BIRCH CREEK NEAR ELFROS - STATION NO 05MA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.03 B	0.029	0.001	0.003	0.002	0.001	0.002	---	---	1
2	---	---	0 B	0.779B	0.025	0.002	0.002	0.002	0.001	0.002	---	---	2
3	---	---	0 B	0.671B	0.014	0.002	0.002	0.002	0.001	0.002	---	---	3
4	---	---	0 B	0.563B	0.002	0.002	0.004	0.002	0	0.002	---	---	4
5	---	---	0 B	0.486B	0.002	0.002	0.007	0.002	0	0.002	---	---	5
6	---	---	0 B	0.417B	0.001	0.002	0.006	0.002	0	0.002	---	---	6
7	---	---	0 B	0.351B	0.001	0.002	0.003	0.001	0	0.002	---	---	7
8	---	---	0 B	0.306B	0.001	0.002	0.005	0.001	0	0.002	---	---	8
9	---	---	0 B	0.252B	0.001	0.002	0.005	0.001	0	0.002	---	---	9
10	---	---	0 B	0.262B	0.001	0.002	0.008	0.001	0	0.002	---	---	10
11	---	---	0 B	0.237B	0.001	0.002	0.011	0.001	0	0.002	---	---	11
12	---	---	0 B	0.186	0.006	0.002	0.011	0.001	0	0.002	---	---	12
13	---	---	0 B	0.119	0.018	0.002	0.008	0.001	0	0.002	---	---	13
14	---	---	0 B	0.142	0.012	0.002	0.007	0.001	0	0.002	---	---	14
15	---	---	0 B	0.156	0.005	0.002	0.010	0.001	0	0.002	---	---	15
16	---	---	0 B	0.108	0.004	0.030	0.006	0.001	0	0.002	---	---	16
17	---	---	0 B	0.075	0.139	0.073	0.007	0.001	0	0.002	---	---	17
18	---	---	0 B	0.053	0.107	0.052	0.009	0.001	0	0.002	---	---	18
19	---	---	0 B	0.057	0.139	0.015	0.007	0.001	0	0.002	---	---	19
20	---	---	0 B	0.032	0.141	0.007	0.006	0.001	0	0.002	---	---	20
21	---	---	0 B	0.026	0.182	0.015	0.003	0.001	0	0.002	---	---	21
22	---	---	0 0018	0.033	0.082	0.176	0.004	0.001	0.002	0.002	---	---	22
23	---	---	0 0078	0.017	0.036	0.154	0.002	0.001	0.002	0.002	---	---	23
24	---	---	0 0488	0.030	0.030	0.221	0.002	0.001	0.002	0.002	---	---	24
25	---	---	0 7368	0.025	0.018	0.080	0.003	0.001	0.002	0.002	---	---	25
26	---	---	1 82 B	0.031	0.007	0.014	0.002	0.001	0.002	0.002	---	---	26
27	---	---	1 41 B	0.044	0.007	0.002	0.003	0.001	0.002	0.002	---	---	27
28	---	---	1 23 B	0.044	0.004	0.002	0.003	0.001	0.002	0.002B	---	---	28
29	---	---	1 33 B	0.035	0.002	0.002	0.002	0.001	0.002	0.002B	---	---	29
30	---		1 34 B	0.028	0.007	0.002	0.004	0.001	0.002	0.002B	---	---	30
31	---		1 10 B		0.001		0.006	0.001		0.002B	---	---	31
TOTAL	---	---	9.022	5.577	1.001	0.874	0.161	0.037	0.021	0.062	---	---	TOTAL
MEAN	---	---	0.291	0.219	0.032	0.029	0.005	0.001	0.001	0.002	---	---	MEAN
MAX	---	---	1.82	1.03	0.182	0.221	0.011	0.002	0.002	0.002	---	---	MAX
MIN	---	---	0	0.017	0.001	0.001	0.002	0.001	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 1.82B ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.41B AT 16:06 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 44 46 N
LONG 103 52 27 W
DRAINAGE AREA, 692 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13.9
FEB	---	AUG	3.20
MAR	780	SEP	1.81
APR	568	OCT	5.36
MAY	86.5	NOV	---
JUN	75.5	DEC	---

TOTAL DISCHARGE, 1 530 dam³

BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE - STATION NO 05KH014

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	263.891	263.977E	263.988	264.034	263.990	263.710	263.407	263.693	263.777	263.825	263.786	263.880	1
2	263.898	263.978E	263.996	264.035	263.971	263.707	263.404	263.691	263.779	263.807	263.791	263.881	2
3	263.904	263.979E	264.000	264.038	263.947	263.720	263.424	263.687	263.785	263.765	263.798	263.884	3
4	263.902	263.980E	264.000	264.037	263.936	263.698	263.495	263.685	263.788	263.723	263.801	263.886	4
5	263.904	263.981E	263.995	264.044	263.927	263.636	263.521	263.683	263.789	263.697	263.806	263.886	5
6	263.903	263.983E	263.993A	264.048	263.920	263.610	263.537	263.682	263.786	263.681	263.810	263.885	6
7	263.908	263.984E	263.992E	264.050	263.911	263.625	233.547	263.682	263.811	263.662	263.814	263.894	7
8	263.910A	263.985E	263.991E	264.057	263.900	263.647	263.554	263.678	263.810	263.649	263.819	263.896	8
9	263.917A	263.985E	263.990E	264.056	263.875	263.634	263.558	263.674	263.814	263.641	263.823	263.899	9
10	263.922E	263.987E	263.991E	264.057	263.862	263.610	263.579	263.667	263.812	263.623	263.822	263.900	10
11	263.926E	263.987E	263.992E	264.066	263.882	263.581	263.634	263.652	263.809	263.606	263.824	263.901	11
12	263.932E	263.986E	263.993E	264.069	263.870	263.585	233.663	263.633	263.809	263.612	263.824	263.897	12
13	263.938E	263.985A	263.994E	264.077	263.860	263.581	263.677	263.617	263.812	263.622	263.828	263.898	13
14	263.942E	263.985	263.995E	264.081	263.824	263.552	263.698	263.607	263.813	263.631	263.832	263.898	14
15	263.946E	263.981	263.996E	264.081	263.801	263.504	263.712	263.606	263.819	263.637	263.836	263.906	15
16	263.950E	263.979	263.998E	264.081	263.799	263.491	263.716	263.615	263.825	263.664	263.842	263.909	16
17	263.955E	263.983	263.999E	264.080	263.792	263.484	263.717	263.623	263.830	263.705	263.842	263.912	17
18	263.958E	263.984	264.000E	264.077	263.792	263.482	263.719	263.629	263.830	263.714	263.842	263.915	18
19	263.960E	263.987	264.001E	264.077	263.803	263.452	263.720	263.637	263.829	263.715	263.845	263.923	19
20	263.962E	263.990	264.002E	264.075	263.787	263.405	263.717	263.646	263.824	263.723	263.852	263.925	20
21	263.964E	263.990	264.003E	264.076	263.809	263.443	263.720	263.663	263.812	263.729	263.861	263.933	21
22	263.966E	263.990	264.002E	264.073	263.817	263.449	263.722	263.668	263.818	263.730	263.863	263.932	22
23	263.968E	263.989	264.001A	264.074	263.817	263.447	263.719	263.670	263.833	263.735	263.866	263.937	23
24	263.969E	263.988	263.996	264.066	263.805	263.431	263.716	263.665	263.833	263.738	263.871	263.937	24
25	263.970E	263.989	264.005	264.042	263.804	263.413	263.714	263.701	263.834	263.738	263.873	263.942	25
26	263.971E	263.992	264.025	264.028	263.792	263.405	263.712	263.716	263.835	263.746	263.877	263.936	26
27	263.972E	233.994	264.028	264.013	263.780	263.383	263.711	263.721	263.834	263.754	263.879	263.946	27
28	263.973E	263.988	264.027	264.017	263.783	263.389	263.706	263.738	263.832	263.760	263.878	263.954	28
29	263.974E	263.988	264.027	264.016	263.749	263.389	263.703	263.755	263.829	263.768	263.879	263.954	29
30	263.975E		264.030	264.000	263.747	263.408	263.701	263.767	263.826	263.777	263.880	263.960	30
31	263.976E		264.031		263.740		263.697	263.771		263.782		263.963	31
MEAN	263.942	263.985	264.003	264.054	263.841	263.529	263.639	263.678	263.815	263.708	263.839	263.915	MEAN
MAX	263.976	263.994	264.031	264.081	263.990	263.720	263.722	263.771	263.835	263.825	263.880	263.963	MAX
MIN	263.891	263.977	263.988	264.000	263.740	263.389	263.404	263.606	263.777	263.606	263.786	263.880	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 263.828
MAXIMUM DAILY, 264.081 ON APR 14
MINIMUM DAILY, 263.389 ON JUN 28
MAXIMUM INSTANTANEOUS,
264.084 AT 19:23 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIRCH RIVER NEAR MANITOBA BOUNDARY - STATION NO 05KH013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015B	0.015B	0.015B	0.015B	4.03	1.70	3.48	1.55	2.85	3.70	0.015B	0.015B	1
2	0.015B	0.015B	0.015B	0.015B	4.17	1.67	3.43	1.53	2.89	3.38	0.015B	0.015B	2
3	0.015B	0.015B	0.015B	0.015B	4.20	1.80	2.09	1.47	2.98	2.65	0.015B	0.015B	3
4	0.015B	0.015B	0.015B	0.015B	3.99	3.39	1.62	1.45	3.04	1.99	0.015B	0.015B	4
5	0.015B	0.015B	0.015B	0.015B	3.82	3.97	2.00	1.42	3.06	1.61	0.015B	0.015B	5
6	0.015B	0.015B	0.015B	0.015B	3.70	3.48	2.25	1.41	3.01	1.39	0.015B	0.015B	6
7	0.015B	0.015B	0.015B	0.015B	3.53	3.76	2.41	1.41	3.45	1.15	0.015B	0.015B	7
8	0.015B	0.015B	0.015B	0.015B	3.34	4.18	2.52	1.35	3.43	0.989	0.015B	0.015B	8
9	0.015B	0.015B	0.015B	0.015B	2.92	3.93	2.58	1.30	3.50	0.896	0.015B	0.015B	9
10	0.015B	0.015B	0.015B	0.015B	2.70	3.48	1.62	1.21	3.47	0.180	0.015B	0.015B	10
11	0.015B	0.015B	0.015B	0.015B	3.03	2.97	0.817	1.03	3.41	0.015E	0.015B	0.015B	11
12	0.015B	0.015B	0.015B	0.015B	2.83	3.04	1.18	0.806	3.41	0.015E	0.015B	0.015B	12
13	0.015B	0.015B	0.015B	0.015B	3.24	2.97	1.34	0.837	3.47	0.015E	0.015B	0.015B	13
14	0.015B	0.015B	0.015B	0.015B	3.18	3.50	1.62	0.539	3.48	0.015E	0.015B	0.015B	14
15	0.015B	0.015B	0.015B	0.015B	2.83	3.81	1.82	0.529	3.59	0.015E	0.015B	0.015B	15
16	0.015B	0.015B	0.015B	0.015E	2.80	3.38	1.88	0.617	3.70	0.015E	0.015B	0.015B	16
17	0.015B	0.015B	0.015B	0.015E	2.70	3.26	1.90	0.689	3.80	0.015E	0.015B	0.015B	17
18	0.015B	0.015B	0.015B	0.015E	2.70	3.23	1.93	0.763	3.80	0.015E	0.015B	0.015B	18
19	0.015B	0.015B	0.015B	0.015E	2.86	3.55	1.94	0.851	3.78	0.015E	0.015B	0.015B	19
20	0.015B	0.015B	0.015B	0.015E	2.84	3.47	1.90	1.20	3.69	0.015E	0.015B	0.015B	20
21	0.015B	0.015B	0.015B	0.015E	2.95	4.16	1.94	1.16	3.47	0.015E	0.015B	0.015B	21
22	0.015B	0.015B	0.015B	0.015E	3.07	4.27	1.97	1.22	3.58	0.015E	0.015B	0.015B	22
23	0.015B	0.015B	0.015B	0.015	3.07	4.24	1.93	1.25	3.85	0.015E	0.015B	0.015B	23
24	0.015B	0.015B	0.015B	2.78	2.90	3.83	1.88	1.45	3.85	0.015E	0.015B	0.015B	24
25	0.015B	0.015B	0.015B	5.05	2.87	3.59	1.85	1.67	3.87	0.015E	0.015B	0.015B	25
26	0.015B	0.015B	0.015B	4.78	2.71	3.45	1.82	1.90	3.89	0.015E	0.015B	0.015B	26
27	0.015B	0.015B	0.015B	4.47	2.52	3.06	1.81	1.96	3.87	0.015E	0.015B	0.015B	27
28	0.015B	0.015B	0.015B	4.55	2.29	2.82	1.74	2.22	3.84	0.015E	0.015B	0.015B	28
29	0.015B	0.015B	0.015B	4.53	2.12	3.34	1.69	2.49	3.78	0.015E	0.015B	0.015B	29
30	0.015B		0.015B	4.22	2.09	3.50	1.67	2.68	3.72	0.015E	0.015B	0.015B	30
31	0.015B		0.015B		2.01		1.62	2.75		0.015E		0.015B	31
TOTAL	0.485	0.435	0.465	30.725	93.81	100.70	80.227	42.521	105.54	18.230	0.450	0.465	TOTAL
MEAN	0.015	0.015	0.015	1.02	3.03	3.36	1.94	1.37	3.52	0.588	0.015	0.015	MEAN
MAX	0.015	0.015	0.015	5.05	4.20	4.27	3.48	2.75	3.89	3.70	0.015	0.015	MAX
MIN	0.015	0.015	0.015	0.015	2.01	1.67	0.817	0.529	2.85	0.015	0.015	0.015	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 5.05 ON APR 25
MINIMUM DAILY, 0.015B ON JAN 1
MAXIMUM INSTANTANEOUS,
5.77 AT 12:00 CST ON APR 24

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 101 57 23 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

REMARKS - THEORETICAL CALCULATIONS WERE NOT VERIFIED BY DISCHARGE MEASUREMENT

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	40.2	JUL	5 200
FEB	37.6	AUG	3 670
MAR	40.2	SEP	9 120
APR	2 650	OCT	1 580
MAY	8 110	NOV	33.9
JUN	8 700	DEC	40.2

TOTAL DISCHARGE, 39 200 dam³

BIRLING CREEK NEAR PAYNTON - STATION NO 05EG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.004	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.002	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.002	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.002	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.002	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.002	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.005	0	0.001	0	0	0	0	---	---	7
8	---	---	0 B	0.002	0	0.002	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0.003	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0.002	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0.001	0	0	0	0	---	---	11
12	---	---	0 B	0.001	0	0.001	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.002	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.002	0.001	0.001	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	17
18	---	---	0 B	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.001	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.001	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.001	0.002	0	0	0	0	0	---	---	21
22	---	---	0 B	0.001	0.004	0	0	0	0	0	---	---	22
23	---	---	0 B	0.002	0.002	0	0	0	0	0	---	---	23
24	---	---	0 B	0.002	0.002	0	0	0	0	0	---	---	24
25	---	---	0 B	0.001	0.001	0	0	0	0	0	---	---	25
26	---	---	0.003B	0.001	0.002	0	0	0	0	0	---	---	26
27	---	---	0.009B	0.001	0.001	0	0	0	0	0	---	---	27
28	---	---	0.012B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.018	0		0	0	0	0	0	---	---	29
30	---	---	0.027	0	0	0	0	0	0	0	---	---	30
31	---	---	0.015		0		0	0		0		---	31
TOTAL	---	---	0.080	0.045	0.016	0.011	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0.002	0.001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.027	0.005	0.004	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.027 ON MAR 30
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.057 AT 19:08 CST ON MAY 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 04 45 N
LONG 108 59 00 W
DRAINAGE AREA, 426 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	5.91	SEP	0
APR	3.89	OCT	0
MAY	1.38	NOV	---
JUN	0.95	DEC	---

TOTAL DISCHARGE, 13.1 dam³

BISSETT CREEK NEAR CHOICELAND - STATION NO. 05KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0068	0 580	6 88	1.23	0 069	0	0 143	0 2258	---	1
2	---	---	0 B	0 0158	0 494	6.20	1.02	0 032	0	0 161	---	---	2
3	---	---	0 B	0 0298	0 459	5 62	0 877	0	0	0 183	---	---	3
4	---	---	0 B	0 1008	0 469	5 07	0.846	0	0	0 155	---	---	4
5	---	---	0 B	0 3778	0 530	4 61	0.767	0	0	0 157	---	---	5
6	---	---	0 B	1 45 B	0 544	4 07	0 586	0	0	0 182	---	---	6
7	---	---	0 B	2 43 B	0 517	4 46	0 446	0	0	0 203	---	---	7
8	---	---	0 B	4 52 B	0 495	5 89	0 336	0	0	0 175	---	---	8
9	---	---	0 B	12 8 B	0 527	6 73	0 335	0	0	0 190	---	---	9
10	---	---	0 B	16 1	0 811	8 85	0 248	0	0	0 210	---	---	10
11	---	---	0 B	14 1	1 57	9 46	0 192	0	0	0 207	---	---	11
12	---	---	0 B	10 2	1 50	9 25	0 184	0	0	0 197	---	---	12
13	---	---	0 B	8 21	1 52	8 19	0 186	0	0 002	0 203	---	---	13
14	---	---	0 B	6 42	1 71	7 13	0 188	0	0 001	0 124	---	---	14
15	---	---	0 B	5 13	1 69	6 20	0 455	0	0 002	0 102	---	---	15
16	---	---	0 B	4 36	1 64	5 45	0 527	0	0 001	0 095	---	---	16
17	---	---	0 B	3 71	2 20	5 07	0 454	0	0 001	0 160	---	---	17
18	---	---	0 B	2 92	3 64	4 59	0 392	0	0 002A	0 255	---	---	18
19	---	---	0 B	2 42	8 07	4 11	0 381	0 006	0 001	0 268	---	---	19
20	---	---	0 B	2 00	10 2	3 85	0 376	0 155	0 001	0 277	---	---	20
21	---	---	0 B	1 68	10 4	4 13	0 780	0 241	0 011	0 284	---	---	21
22	---	---	0 B	1 43	12 5	3 83	0 661	0 103	0 037	0 297	---	---	22
23	---	---	0 B	1 27	13 2	3 19	0 441	0 052	0 030	0 277	---	---	23
24	---	---	0 B	1 18	13 5	3 03	0 313	0 012	0 042	0 280	---	---	24
25	---	---	0 B	1 09	13 9	2 72	0 239	0 001	0 037	0 275	---	---	25
26	---	---	0 B	0 949	13 5	2 43	0 197	0 001	0 046	0 260	---	---	26
27	---	---	0 B	0 808	12 5	2 17	0 142	0	0 082	0 240	---	---	27
28	---	---	0 B	0 774	11 5	2 01	0 075	0	0 125	0 230	---	---	28
29	---	---	0 B	0 682	10 2	1 74	0 067	0	0 129	0 2108	---	---	29
30	---		0 0028	0 666	8 97	1 48	0 070	0	0 142	0 2018	---	---	30
31	---		0 0028		7 83		0 080	0		0 2178		---	31
TOTAL	---	---	0 004	107 826	187 166	148 23	13 051	1 672	0 692	6 396	---	---	TOTAL
MEAN	---	---	0	3 59	5 39	4 94	0 421	0 022	0 023	0 206	---	---	MEAN
MAX	---	---	0 002	16 1	13 9	9 46	1 23	0 241	0 142	0 297	---	---	MAX
MIN	---	---	0	0 006	0 459	1 48	0 080	0	0	0 095	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 81
MAXIMUM DAILY, 16 1 ON APR 10
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
17 0 AT 11 38 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 27 11 N
LONG 104 34 07 W
DRAINAGE AREA, 539 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 130
FEB	---	AUG	58 1
MAR	0 35	SEP	59 8
APR	9 320	OCT	553
MAY	14 400	NOV	---
JUN	12 800	DEC	---

TOTAL DISCHARGE, 38 300 dam³

BLACKSTRAP RESERVOIR AT SOUTH SIDE OF CAUSEWAY - STATION NO. 05HG014

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	534 524	---	---	---	---	534 405	---	---	1
2	---	---	---	---	534 524	---	---	---	---	534 399	---	---	2
3	---	---	---	---	534 524	---	534 287	---	---	534 398	---	---	3
4	---	---	---	---	534 526	534 446	534 286	---	534 180	534 384	---	---	4
5	---	---	---	---	---	534 448	534 277	---	534 180	---	---	534 349	5
6	---	---	---	---	---	534 484	---	---	534 188	---	---	---	6
7	---	---	---	---	534 530	534 484	---	---	534 190	---	---	---	7
8	---	---	---	---	534 527	534 482	---	---	---	---	---	---	8
9	---	---	---	---	534 527	---	534 199	---	---	534 371	---	---	9
10	---	---	---	---	534 546	---	534 195	---	534 228	---	---	---	10
11	---	---	---	---	534 544	534 472	534 189	---	534 230	534 351	---	---	11
12	---	---	---	---	---	534 472	534 182	---	534 246	---	---	---	12
13	---	---	---	---	---	534 463	534 181	533 750E	534 273	---	---	---	13
14	---	---	---	---	---	534 457	---	---	534 274	---	---	---	14
15	---	---	---	---	534 546	534 437	---	---	---	534 338	---	---	15
16	---	---	---	---	534 557	---	534 155	---	---	---	---	---	16
17	---	---	---	---	---	---	534 145	---	534 285	---	---	---	17
18	---	---	---	---	534 547	534 393	534 143	---	534 295	534 358	---	---	18
19	---	---	---	---	---	534 385	534 140	---	534 295	---	---	---	19
20	---	---	---	---	---	534 385	534 105	---	534 297	---	---	---	20
21	---	---	---	---	534 526	534 385	---	---	534 307	---	---	---	21
22	---	---	---	---	534 522	534 383	---	---	---	---	---	---	22
23	---	---	---	---	534 520	---	534 084	---	---	---	---	---	23
24	---	---	---	---	534 476	---	534 074	---	534 376	---	---	---	24
25	---	---	---	---	534 484	534 381	534 045	---	534 384	---	---	---	25
26	---	---	---	---	---	534 381	534 025	---	534 392	---	---	---	26
27	---	---	---	---	---	534 382	534 015	---	534 403	---	---	---	27
28	---	---	---	---	534 484	534 347	---	---	534 401	---	---	---	28
29	---	---	---	---	534 446	---	---	---	---	534 389	---	---	29
30	---		---	---	534 484	---	533 995	---	---	---	---	---	30
31	---		---	---	---		---	---		---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 50 N
LONG 106 24 30 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BOGGY CREEK NEAR LUMSDEN - STATION NO 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.005B	0.214B	0.008	0.007	0.033	0.005	0	0.001	---	---	1
2	---	---	0.005B	0.242B	0.008	0.008	0.031	0.004	0	0.001	---	---	2
3	---	---	0.005B	0.273B	0.007	0.006	0.027	0.010	0	0.001	---	---	3
4	---	---	0.005B	0.183	0.006	0.006	0.026	0.010	0	0.001	---	---	4
5	---	---	0.005B	0.117	0.007	0.009	0.023	0.005	0	0.001	---	---	5
6	---	---	0.005B	0.086	0.007	0.008	0.025	0.003	0	0.001	---	---	6
7	---	---	0.005B	0.081	0.007	0.009	0.041	0.002	0	0.001	---	---	7
8	---	---	0.005B	0.042	0.007	0.008	0.029	0.001	0	0.001A	---	---	8
9	---	---	0.005B	0.027	0.008	0.008	0.024	0.001	0	0.001	---	---	9
10	---	---	0.005B	0.014	0.008	0.005	0.031	0	0	0.002	---	---	10
11	---	---	0.005B	0.015	0.004	0.002	0.025	0	0	0.002	---	---	11
12	---	---	0.005B	0.015	0.006	0.005	0.022	0	0	0.002	---	---	12
13	---	---	0.005B	0.014	0.005	0.006	0.023	0.001	0	0.002	---	---	13
14	---	---	0.005B	0.013	0.006	0.009	0.014	0	0	0.002	---	---	14
15	---	---	0.005B	0.012	0.008	0.005	0.010	0	0	0.002B	---	---	15
16	---	---	0.005B	0.011	0.007	0.008	0.007	0	0	0.005B	---	---	16
17	---	---	0.005B	0.010	0.007	0.008	0.006	0	0	0.005B	---	---	17
18	---	---	0.005B	0.010	0.008	0.004	0.005	0	0	0.004B	---	---	18
19	---	---	0.015B	0.010	0.005	0.004	0.004	0	0	0.004B	---	---	19
20	---	---	0.038B	0.008	0.008	0.003	0.003	0	0	0.004B	---	---	20
21	---	---	0.040B	0.008	0.008	0.005	0.002	0	0.002	0.004B	---	---	21
22	---	0.005B	0.047B	0.008	0.005	0.005	0.002	0	0.010	0.004B	---	---	22
23	---	0.005B	0.228B	0.008	0.002	0.007	0.002	0	0.002	0.004B	---	---	23
24	---	0.005B	0.442B	0.006	0.007	0.005	0.002	0	0	0.004B	---	---	24
25	---	0.005B	1.32 B	0.006	0.006	0.005	0.002	0	0	0.004B	---	---	25
26	---	0.005B	3.82 B	0.006	0.008	0.004	0.002	0	0	0.005B	---	---	26
27	---	0.005B	1.67 B	0.006	0.008	0.004	0.002	0	0	0.005B	---	---	27
28	---	0.005B	0.938B	0.005	0.007	0.011	0.005	0	0	0.005B	---	---	28
29	---	0.005B	0.513B	0.004	0.008	0.023	0.010	0	0	0.005B	---	---	29
30	---		0.221B	0.005	0.009	0.027	0.005	0	0.001	0.005B	---	---	30
31	---		0.248B		0.009		0.005	0		0.005B		---	31
TOTAL	---	---	9.728	1.439	0.210	0.223	0.448	0.042	0.015	B.094	---	---	TOTAL
MEAN	---	---	0.314	0.048	0.007	0.007	0.014	0.001	0.001	0.003	---	---	MEAN
MAX	---	---	3.82	0.273	0.009	0.027	0.041	0.010	0.010	0.005	---	---	MAX
MIN	---	---	0.005	0.004	0.002	0.002	0.002	0	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.050
MAXIMUM DAILY, 2.82B ON MAR 26
MINIMUM DAILY, 0 ON AUG 10
MAXIMUM INSTANTANEOUS,
5.95B AT 15:04 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 55 N
LONG 104 49 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38.7
FEB	---	AUG	3.63
MAR	840	SEP	1.30
APR	124	OCT	8.12
MAY	18.1	NOV	---
JUN	19.3	DEC	---

TOTAL DISCHARGE, 1 050 dam³

BOUNDARY RESERVOIR NEAR ESTEVAN - STATION NO 05NB012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	559.437	559.288	559.085	558.903	558.832	558.685	558.533	558.183	557.782E	557.506	557.365	557.271	1
2	559.433	559.288	559.077	558.906	558.831	558.651	558.520	558.177	557.773E	557.498	557.388	557.266	2
3	559.428	559.280	559.062	558.907	558.829	558.644	558.509	558.179	557.765E	557.496	557.386	557.260	3
4	559.424	559.264	559.043	558.913	558.834	558.633	558.502	558.175	557.757E	557.489	557.358	557.256	4
5	559.421	559.261	559.033	558.920	558.841	558.625	558.492	558.164	557.748E	557.485	557.358	557.248	5
6	559.417	559.257	559.021	558.923	558.837	558.621	558.483	558.156	557.739E	557.484	557.357	557.251	6
7	559.412	559.250	559.000	558.920	558.837	558.626	558.474	558.158	557.730E	557.483	557.357	557.252	7
8	559.408	559.245	558.987	558.925	558.837	558.621	558.467	558.138	557.721E	557.481	557.353	557.253	8
9	559.403	559.240	558.989	558.920	558.835	558.612	558.462	558.125	557.712E	557.479	557.350	557.251	9
10	559.398	559.236	558.973	558.921	558.830	558.604	558.451	558.118	557.703E	557.476	557.347	557.250	10
11	559.392	559.231	558.967	558.926	558.822	558.600	558.444	558.108	557.693E	557.475	557.345	557.242	11
12	559.387	559.221	558.962	558.918	558.820	558.602	558.433	558.092	557.684E	557.474	557.338	557.238	12
13	559.382	559.210	558.954	558.915	558.818	558.601	558.418	558.083	557.675E	557.465	557.334	557.240	13
14	559.375	559.202	558.945	558.914	558.818	558.597	558.395	558.072	557.666E	557.455	557.326	557.241	14
15	559.369	559.194	558.935	558.914	558.813	558.593	558.381	558.081	557.658E	557.439	557.324	557.239	15
16	559.360	559.185	558.930	558.915	558.801	558.588	558.367	558.047	557.650E	557.458	557.325	557.226	16
17	559.348	559.175	558.920	558.912	558.795	558.575	558.352	558.037	557.641A	557.458	557.317	557.223	17
18	559.344	559.163	558.913	558.906	558.775	558.570	558.339	558.018E	557.631	557.448	557.312	557.221	18
19	559.333	559.153	558.906	558.895	558.787	558.584	558.325	557.999E	557.618	557.442	557.307	557.221	19
20	559.329	559.145	558.900	558.885	558.752	558.559	558.312	557.980E	557.606	557.443	557.303	557.220	20
21	559.328	559.142	558.901	558.880	558.755	558.579	558.300	557.963E	557.593	557.440	557.297	557.221	21
22	559.328	559.133	558.897	558.873	558.740	558.598	558.278	557.944E	557.583	557.438	557.296	557.222	22
23	559.327	559.128	558.900	558.886	558.734	558.595	558.269	557.925E	557.561	557.436	557.283	557.218	23
24	559.318	559.121	558.901	558.854	558.722	558.591	558.260	557.905E	557.552	557.428	557.291	557.215	24
25	559.313	559.115	558.908	558.844	558.713	558.587	558.244	557.888E	557.545	557.425	557.284	557.210	25
26	559.302	559.104	558.911	558.827	558.709	558.580	558.236	557.867E	557.536	557.419	557.279	557.214	26
27	559.302	559.093	558.908	558.815	558.702	558.578	558.229	557.849E	557.528	557.410	557.274	557.210	27
28	559.301	559.094	558.907	558.832	558.696	558.573	558.220	557.831E	557.523	557.412	557.283	557.208	28
29	559.294	559.091	558.908	558.832	558.690	558.570	558.208	557.814E	557.518	557.389	557.279	557.203	29
30	559.291		558.906	558.830	558.688	558.544	558.199	557.801A	557.512	557.395	557.275	557.202	30
31	559.287		558.906		558.675		558.187	557.792E		557.378		557.201	31
MEAN	559.361	559.190	558.954	558.890	558.778	558.588	558.384	558.021	557.647	557.452	557.322	557.232	MEAN
MAX	559.437	559.288	559.085	558.926	558.841	558.685	558.533	558.183	557.782	557.506	557.388	557.271	MAX
MIN	559.287	559.091	558.897	558.815	558.675	558.544	558.187	557.792	557.512	557.378	557.274	557.201	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 558.315
MAXIMUM DAILY, 559.437 ON JAN 1
MINIMUM DAILY, 557.201 ON DEC 31
MAXIMUM INSTANTANEOUS,
559.443 AT 14:30 CST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 49 N
LONG 103 01 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1958

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1978 ADJ.)
APPLY -000.091 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

BOXELDER CREEK NEAR WALSH - STATION NO 05AH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.003B	0B	0	0	0	0	0	0	0	---	---	1
2	---	0.002B	0B	0	0	0	0	0	0	0	---	---	2
3	---	0.002B	0B	0	0	0	0	0	0	0	---	---	3
4	---	0.002B	0B	0	0	0	0	0	0	0	---	---	4
5	---	0.002B	0B	0	0	0	0	0	0	0	---	---	5
6	---	0.003B	0B	0	0	0	0	0	0	0	---	---	6
7	---	0.003B	0B	0	0	0	0	0	0	0	---	---	7
8	---	0.004B	0B	0	0	0	0	0	0	0	---	---	8
9	---	0.003B	0B	0	0	0	0	0	0	0	---	---	9
10	---	0.002B	0B	0	0	0	0	0	0	0	---	---	10
11	---	0.002B	0B	0	0	0	0	0	0	0	---	---	11
12	---	0.001B	0B	0	0	0	0	0	0	0	---	---	12
13	---	0.001B	0B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0B	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0B	0	0	0	0	0	0	0	---	---	19
20	---	0.001B	0B	0	0	0	0	0	0	0	---	---	20
21	---	0.001B	0B	0	0	0	0	0	0	0	---	---	21
22	---	0.001B	0B	0	0	0	0	0	0	0	---	---	22
23	---	0 B	0B	0	0	0	0	0	0	0	---	---	23
24	---	0 B	0	0	0	0	0	0	0	0	---	---	24
25	---	0 B	0	0	0	0	0	0	0	0	---	---	25
26	---	0 B	0	0	0	0	0	0	0	0	---	---	26
27	---	0 B	0	0	0	0	0	0	0	0	---	---	27
28	---	0 B	0	0	0	0	0	0	0	0	---	---	28
29	---	0 B	0	0	0	0	0	0	0	0	---	---	29
30	0.001B		0	0	0	0	0	0	0	0	---	---	30
31	0.002B		0		0		0	0		0A		---	31
TOTAL	---	0.033	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.001	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.004	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 39 N
LONG 109 59 19 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	2.85	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BRADWELL INLET CANAL ABOVE BRADWELL RESERVOIR - STATION NO 05HG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.504	0.474E	0.407	0.519E	0	---	---	1
2	---	---	0	0	0	0.492E	0.469E	0.395	0.521E	0	---	---	2
3	---	---	0	0	0	0.480E	0.464	0.387	0.524E	0	---	---	3
4	---	---	0	0	0	0.468	0.458	0.400E	0.526	0	---	---	4
5	---	---	0	0	0	0.464	0.441	0.403E	0.528	0	---	---	5
6	---	---	0	0	0	0.468	0.427E	0.406E	0.570	0	---	---	6
7	---	---	0	0	0	0.466	0.413E	0.409	0.570	0	---	---	7
8	---	---	0	0	0	0.452	0.400E	0.419E	0.455E	0	---	---	8
9	---	---	0	0	0	0.448E	0.386	0.429	0.341E	0	---	---	9
10	---	---	0	0	0	0.444E	0.157	0.443	0.226	0	---	---	10
11	---	---	0	0	0	0.440	0.129	0.449E	0.237	0	---	---	11
12	---	---	0	0	0	0.294	0.130	0.456E	0.328	0	---	---	12
13	---	---	0	0	0	0.290	0.119	0.462	0.381	0	---	---	13
14	---	---	0	0	0	0.486	0.137E	0.468	0.310	0	---	---	14
15	---	---	0	0	0	0.481E	0.154E	0.484	0.315E	0	---	---	15
16	---	---	0	0	0.300E	0.476E	0.171	0.482	0.321E	0	---	---	16
17	---	---	0	0	0.618	0.471E	0.150	0.492	0.327	0	---	---	17
18	---	---	0	0	0.618	0.466	0.150	0.489E	0.336	0	---	---	18
19	---	---	0	0	0.599E	0.455	0.214	0.485E	0.324	0	---	---	19
20	---	---	0	0	0.581E	0.452	0.166	0.482	0.327	0	---	---	20
21	---	---	0	0	0.562	0.433	0.189	0.311	0.693	0	---	---	21
22	---	---	0	0	0.562	0.429E	0.170[illegible]	0.390	0.702E	0	---	---	22
23	---	---	0	0	0.496	0.425E	0.170	0.476	0.360E	0	---	---	23
24	---	---	0	0	0.476	0.421	0.171	0.480	0.139E	0	---	---	24
25	---	---	0	0	0.472	0.418	0.267	0.473E	0	0	---	---	25
26	---	---	0	0	0.433E	0.282	0.273	0.466E	0	0	---	---	26
27	---	---	0	0	0.393E	0.236	0.267	0.456	0	0	---	---	27
28	---	---	0	0	0.354	0.488	0.265E	0.457	0	0	---	---	28
29	---	---	0	0	0.362	0.483E	0.263E	0.526	0	0	---	---	29
30	---		0	0	0.458	0.478E	0.261	0.518	0	0	---	---	30
31	---		0		0.481E		0.308	0.518		0		---	31
TOTAL	---	---	0	0	7.755	13.100	8.193	13.928	9.880	0	---	---	TOTAL
MEAN	---	---	0	0	0.250	0.437	0.264	0.449	0.329	0	---	---	MEAN
MAX	---	---	0	0	0.618	0.504	0.474	0.526	0.702	0	---	---	MAX
MIN	---	---	0	0	0	0.236	0.119	0.311	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.218
MAXIMUM DAILY, 0.702E ON SEP 22
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 54 36 N
LONG 106 13 54 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	708
FEB	---	AUG	1 200
MAR	0	SEP	854
APR	0	OCT	0
MAY	871	NOV	---
JUN	1 130	DEC	---

TOTAL DISCHARGE, 4 560 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

BRADWELL RESERVOIR AT PUMP STATION - STATION NO 05HC013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	529 328	---	---	529 770	---	---	---	---	1
2	---	---	---	529 468	---	---	---	---	---	530 454	---	---	2
3	529 720	---	---	---	529 318	---	530 067	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	530 283	4
5	---	---	---	---	---	529 503	---	---	---	---	---	---	5
6	---	529 615	---	---	---	---	---	---	---	---	---	530 272	6
7	---	---	---	---	529 393	---	---	---	530 157	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	530 337	---	8
9	529 706	---	---	529 450	---	---	---	---	---	---	---	530 266	9
10	---	---	---	---	529 289	---	---	---	---	---	---	---	10
11	---	---	---	---	529 277	529 741	---	---	---	---	---	530 266	11
12	---	---	529 480	---	---	---	---	---	---	---	---	---	12
13	---	529 583	---	---	---	529 778	---	---	530 223	---	---	---	13
14	---	---	529 442	---	529 270	---	---	---	---	---	---	---	14
15	---	---	---	---	---	529 802	---	529 830	---	530 384	---	---	15
16	529 683	---	---	529 464	---	---	530 005	---	---	---	530 317	---	16
17	---	---	---	---	---	---	---	---	530 279	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	530 218	530 245	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	529 567	529 448	---	---	---	---	---	---	---	---	---	20
21	---	---	529 446	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	529 410	---	---	---	---	530 380	---	---	22
23	---	---	---	529 394	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	529 927	530 479	---	---	---	24
25	529 646	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	530 293	---	26
27	---	---	---	---	---	---	529 814	529 983	---	---	---	530 225	27
28	---	---	529 429	---	529 532	530 044	---	---	---	---	---	---	28
29	---	529 526	---	---	---	---	---	---	---	530 384	---	---	29
30	529 637	---	529 435	---	---	---	529 766	---	---	---	---	530 227	30
31	---	---	---	---	---	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 56 00 N
LONG 106 10 40 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIDGE CREEK AT GULL LAKE - STATION NO 05HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	0	0	0	0	0	0	---	---	1
2	---	---	0B	0	0	0	0	0	0	0	---	---	2
3	---	---	0B	0	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0	---	---	16
17	---	---	0B	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0A	---	---	28
29	---	---	0	0	0	0	0	0	0	0E	---	---	29
30	---		0	0	0	0	0	0	0	0E		---	30
31	---		0		0		0	0					31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 36 N
LONG 108 29 38 W
DRAINAGE AREA, 379 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

BRIGHTSAND LAKE NEAR ST WALBURG - STATION NO 05EG010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	663.278	663.218	663.108	---	---	---	1
2	---	---	---	---	---	663.281	---	---	---	663.087	---	---	2
3	---	---	---	---	---	---	---	663.217	663.099	---	---	---	3
4	---	---	---	---	---	---	663.272	---	663.100	---	---	---	4
5	---	---	---	---	---	663.271	---	---	---	663.062	---	---	5
6	---	---	---	---	---	---	---	663.217	663.094	---	---	---	6
7	---	---	---	---	---	663.268	---	---	---	663.060	---	---	7
8	---	---	---	---	---	---	663.258	663.205	663.090	---	---	---	8
9	---	---	---	---	---	663.266	663.247	663.197	---	---	---	---	9
10	---	---	---	---	---	---	---	---	663.089	663.061	---	---	10
11	---	---	---	---	---	663.297	663.247	---	---	---	---	---	11
12	---	---	---	---	---	---	663.247	663.197	---	---	---	---	12
13	---	---	---	---	---	663.297	---	---	663.087	663.061	663.046	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	663.292	663.265	663.166	663.084	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	663.291	663.257	663.182	---	---	---	---	17
18	---	---	---	---	---	---	---	---	663.079	663.063	---	---	18
19	---	---	---	---	---	663.286	663.242	---	---	---	---	---	19
20	---	---	---	---	---	---	---	663.182	663.081	663.058	---	---	20
21	---	---	---	---	---	663.288	663.248	---	---	---	---	---	21
22	---	---	---	---	663.235	---	---	---	---	---	---	---	22
23	---	---	---	---	---	663.297	663.245	663.180	663.088	663.052	---	---	23
24	---	---	---	---	663.231	---	---	---	---	---	---	---	24
25	---	---	---	---	---	663.302	663.245	663.153	---	---	---	---	25
26	---	---	---	---	663.237	---	---	---	663.081	663.047	---	---	26
27	---	---	---	---	---	663.298	663.245	663.161	---	---	---	---	27
28	---	---	---	---	663.239	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	663.245	---	663.081	---	---	---	29
30	---	---	---	---	663.268	---	---	663.123	---	---	---	---	30
31	---	---	---	---	---	---	663.243	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 663.302 ON JUN 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 38 35 N
LONG 108 50 46 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRIGHTWATER CREEK BELOW BRIGHTWATER RESERVOIR - STATION NO 05HG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.994E	0	0	0	0	0	---	---	1
2	---	---	0	1.08 E	1.03 E	0	0	0	0	0	---	---	2
3	---	---	0	2.67 E	1.06 E	0	0	0	0	0	---	---	3
4	---	---	0	4.15	1.09 E	0	0	0	0	0	---	---	4
5	---	---	0	3.01 E	1.12 E	0	0	0	0	0	---	---	5
6	---	---	0	3.78	1.15 E	0	0	0	0	0	---	---	6
7	---	---	0	3.84 E	1.18	0	0	0	0	0	---	---	7
8	---	---	0	3.49 E	1.40 E	0	0	0	0	0	---	---	8
9	---	---	0	3.35	1.40 E	0	0	0	0	0	---	---	9
10	---	---	0	3.97	1.40 E	0	0	0	0	0	---	---	10
11	---	---	0	3.84	0.525E	0	0	0	0	0	---	---	11
12	---	---	0	3.68	0	0	0	0	0.300E	0	---	---	12
13	---	---	0	3.88	0	0	0	0	0.876	0	---	---	13
14	---	---	0	3.81 E	0	0	0	0	0.876	0	---	---	14
15	---	---	0	3.93 E	0	0	0	0	0.910E	0	---	---	15
16	---	---	0	3.45	0	0	0	0	0.940E	0	---	---	16
17	---	---	0	4.02	0	0	0	0	0.970	0	---	---	17
18	---	---	0	2.58 E	0	0	0	0	0.970E	0	---	---	18
19	---	---	0	0.600	0	0	0	0	0.970	0	---	---	19
20	---	---	0	0.614E	0	0	0	0	0.970	0	---	---	20
21	---	---	0	0.629E	0	0	0	0	0.700E	0	---	---	21
22	---	---	0	0.643E	0	0	0	0	0.300E	0	---	---	22
23	---	---	0	0.857	0	0	0	0	0	0	---	---	23
24	---	---	0	1.05 E	0	0	0	0	0	0	---	---	24
25	---	---	0	0.900	0	0	0	0	0	0	---	---	25
26	---	---	0	0.925	0	0	0	0	0	0	---	---	26
27	---	---	0	0.904	0	0	0	0	0	0	---	---	27
28	---	---	0	0.923E	0	0	0	0	0	0	---	---	28
29	---	---	0	0.943E	0	0	0	0	0	0	---	---	29
30	---		0	0.963	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	87.481	12.349	0	0	0	8.782	0	---	---	TOTAL
MEAN	---	---	0	2.25	0.398	0	0	0	0.293	0	---	---	MEAN
MAX	---	---	0	4.15	1.40	0	0	0	0.970	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.382
MAXIMUM DAILY, 4.15 ON APR 4
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 37 08 N
LONG 106 32 42 W
DRAINAGE AREA, 1 530 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	759
APR	5 630	OCT	0
MAY	1 070	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 7 460 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED SINCE 1967

BRIGHTWATER CREEK NEAR KENASTON - STATION NO 05MG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	0 143	0	0	0	0	0	0	---	---	1
2	---	---	0 8	0 109	0	0	0	0	0	0	---	---	2
3	---	---	0 8	0 087	0	0	0	0	0	0	---	---	3
4	---	---	0 8	0 060	0	0	0	0	0	0	---	---	4
5	---	---	0 8	0 050	0	0	0	0	0	0	---	---	5
6	---	---	0 8	0 042	0	0	0	0	0	0	---	---	6
7	---	---	0 8	0 034	0	0	0	0	0	0	---	---	7
8	---	---	0 8	0 027	0	0	0	0	0	0	---	---	8
9	---	---	0 8	0 018	0	0	0	0	0	0	---	---	9
10	---	---	0 8	0 025	0	0	0	0	0	0	---	---	10
11	---	---	0 8	0 021	0	0	0	0	0	0	---	---	11
12	---	---	0 8	0 020	0	0	0	0	0	0	---	---	12
13	---	---	0 8	0 025	0	0	0	0	0	0	---	---	13
14	---	---	0 8	0 033	0	0	0	0	0	0	---	---	14
15	---	---	0 8	0 081	0	0	0	0	0	0	---	---	15
16	---	---	0 8	0 039	0	0	0	0	0	0	---	---	16
17	---	---	0 8	0 015	0	0	0	0	0	0	---	---	17
18	---	---	0 8	0 006	0	0	0	0	0	0	---	---	18
19	---	---	0 8	0 003	0	0	0	0	0	0	---	---	19
20	---	---	0 8	0 001	0	0	0	0	0	0	---	---	20
21	---	---	0 0038	0	0	0	0	0	0	0	---	---	21
22	---	---	0 0318	0	0	0	0	0	0	0	---	---	22
23	---	---	0 5788	0	0	0	0	0	0	0	---	---	23
24	---	---	1 36 8	0	0	0	0	0	0	0	---	---	24
25	---	---	1 22 8	0	0	0	0	0	0	0	---	---	25
26	---	---	1 05 8	0	0	0	0	0	0	0	---	---	26
27	---	---	0 9778	0	0	0	0	0	0	0	---	---	27
28	---	---	0 5188	0	0	0	0	0	0	0	---	---	28
29	---	---	0 326	0	0	0	0	0	0	0	---	---	29
30	---		0 211	0	0	0	0	0		0	---	---	30
31	---		0 161		0		0	0		0		---	31
TOTAL	---	---	6 435	0 822	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 208	0 027	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	1 36	0 143	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 030
MAXIMUM DAILY, 1 368 ON MAR 24
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
1 638 AT 06 25 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 45 N
LONG 106 30 03 W
DRAINAGE AREA, 900 km²

8 - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	556	SEP	0
APR	71 0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 627 dam³

BRIGHTWATER CREEK NEAR PROCTOR LAKE - STATION NO 05MG020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	08	0 8	0 021	0	0	0	0	0	---	---	1
2	---	---	08	0 8	0 034	0	0	0	0	0	---	---	2
3	---	---	08	0 8	0	0	0	0	0	0	---	---	3
4	---	---	08	1 32 8	0	0	0	0	0	0	---	---	4
5	---	---	08	3 18 8	0	0	0	0	0	0	---	---	5
6	---	---	08	3 16 8	0	0	0	0	0	0	---	---	6
7	---	---	08	3 89	0	0	0	0	0	0	---	---	7
8	---	---	08	3 57	0	0	0	0	0	0	---	---	8
9	---	---	08	3 50	0	0	0	0	0	0	---	---	9
10	---	---	08	3 77	0	0	0	0	0	0	---	---	10
11	---	---	08	3 89	0	0	0	0	0	0	---	---	11
12	---	---	08	3 77	0	0	0	0	0	0	---	---	12
13	---	---	08	3 66	0	0	0	0	0	0	---	---	13
14	---	---	08	3 54	0	0	0	0	0	0	---	---	14
15	---	---	08	3 44	0	0	0	0	0	0	---	---	15
16	---	---	08	3 36	0	0	0	0	0	0	---	---	16
17	---	---	08	3 68	0	0	0	0	0	0	---	---	17
18	---	---	08	3 91	0	0	0	0	0	0	---	---	18
19	---	---	08	0 938	0	0	0	0	0	0	---	---	19
20	---	---	08	0 058	0	0	0	0	0	0	---	---	20
21	---	---	08	0 001	0	0	0	0	0	0	---	---	21
22	---	---	08	0	0	0	0	0	0	0	---	---	22
23	---	---	08	0	0	0	0	0	0	0	---	---	23
24	---	---	08	0	0	0	0	0	0	0	---	---	24
25	---	---	08	0	0	0	0	0	0	0	---	---	25
26	---	---	08	0	0	0	0	0	0	0	---	---	26
27	---	---	08	0	0	0	0	0	0	0	---	---	27
28	---	---	08	0	0	0	0	0	0	0	---	---	28
29	---	---	08	0	0	0	0	0	0	0	---	---	29
30	---		08	0	0	0	0	0		0	---	---	30
31	---		08		0		0	0		0		---	31
TOTAL	---	---	0	92 505	0 055	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	1 75	0 002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	3 91	0 034	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 215
MAXIMUM DAILY, 3 91 ON APR 18
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
4 02 AT 15 38 CST ON APR 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 49 N
LONG 106 35 28 W
DRAINAGE AREA, 1 750 km²

8 - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	4 540	OCT	0
MAY	4 75	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 540 dam³

BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET - STATION NO 05HG006

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	545 640	---	546 031	---	544 919	---	545 020	---	545 484	545 571	---	1
2	---	---	545 619	546 045	545 099	---	---	545 044	---	545 511	545 573	---	2
3	545 627	545 634	---	546 003	545 104	---	545 172	545 063	---	545 524	---	545 571	3
4	---	---	---	545 873	545 084	544 804	545 173	---	545 441	545 531	---	---	4
5	---	---	545 619	545 773	---	544 789	545 126	---	545 436	545 557	545 573	545 571	5
6	545 629	545 629	---	545 549	---	544 754	---	545 182	545 418	---	---	---	6
7	---	---	545 619	---	545 074	544 755	---	545 215	545 409	---	---	545 571	7
8	---	---	---	---	545 079	544 804	---	545 350	---	---	545 573	---	8
9	545 627	545 629	545 619	---	545 049	---	545 085	545 415	---	545 581	---	545 571	9
10	---	545 629	---	545 085	545 049	---	545 062	545 442	545 414	---	---	---	10
11	545 624	---	---	544 545	545 019	544 953	545 050	---	545 413	545 581	---	---	11
12	545 624	---	545 619	544 786	---	544 894	545 044	---	545 406	---	---	545 571	12
13	545 624	545 627	---	544 621	---	545 035	545 057	545 441	545 358	---	545 569	545 566	13
14	---	---	---	---	545 049	545 065	---	545 426	545 304	---	---	545 566	14
15	---	545 628	545 619	---	545 099	545 085	---	545 441	---	545 556	---	---	15
16	545 624	---	---	544 127	545 101	---	545 056	545 441	---	---	---	---	16
17	545 624	545 626	---	543 967	545 139	---	545 015	545 446	545 246	545 581	---	545 566	17
18	545 624	---	---	543 813	545 153	545 150	545 035	---	545 303	---	---	---	18
19	---	---	545 619	544 048	545 153	545 194	545 054	---	545 306	545 583	---	545 566	19
20	545 654	545 628	---	---	---	545 505	545 046	545 486	---	---	---	---	20
21	---	---	545 619	---	---	---	---	545 486	---	---	---	545 566	21
22	---	545 628	---	---	545 404	545 295	---	545 496	---	545 583	---	---	22
23	---	---	545 619	544 494	545 702	---	545 040	545 516	---	---	---	---	23
24	---	545 628	---	544 612	545 249	545 385	545 041	545 496	545 266	545 581	---	545 566	24
25	---	---	---	544 675	545 189	545 385	545 030	---	545 279	---	---	---	25
26	---	---	545 884	544 750	---	545 410	545 005	---	545 299	545 574	---	---	26
27	545 630	545 624	---	544 816	---	545 420	544 988	545 486	545 331	---	---	545 566	27
28	---	---	545 959	---	545 069	545 403	---	545 473	545 346	---	---	545 566	28
29	---	545 624	---	---	545 034	---	544 895	545 444	---	545 576	---	---	29
30	545 630		546 029	545 045	544 984	---	544 926	545 447	---	---	545 571	---	30
31	---		---		544 919		544 988	545 444		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 47 N
LONG 108 32 09 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED SINCE 1967

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION - STATION NO 05HF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	3 88	9 25	9 47	11 7	9 51	0	---	---	1
2	---	---	0	0	5 17	9 25	6 34	13 7	9 51	0	---	---	2
3	---	---	0	0	5 17	9 27	8 41	13 7	9 51	0	---	---	3
4	---	---	0	0	5 17	9 28	12 8	13 7	9 51	0	---	---	4
5	---	---	0	0	5 17	9 28	13 7	13 7	9 51	0	---	---	5
6	---	---	0	0	5 17	9 28	13 7	13 7	9 51	0	---	---	6
7	---	---	0	0	5 17	9 28	13 7	13 7	9 51	0	---	---	7
8	---	---	0	0	8 23	9 28	13 7	13 7	9 51	0	---	---	8
9	---	---	0	0	9 25	9 28	13 7	13 7	9 51	0	---	---	9
10	---	---	0	0	9 25	9 28	13 7	13 7	9 51	0	---	---	10
11	---	---	0	0	9 25	9 28	13 3	13 7	9 51	0	---	---	11
12	---	---	0	0	9 25	9 30	13 3	13 7	9 51	0	---	---	12
13	---	---	0	0	9 25	9 30	13 7	13 7	9 51	0	---	---	13
14	---	---	0	0	9 25	9 30	13 7	13 7	6 70	0	---	---	14
15	---	---	0	0	9 14	9 31	13 7	13 7	5 33	0	---	---	15
16	---	---	0	0	7 76	9 31	13 7	13 7	5 33	0	---	---	16
17	---	---	0	0	9 25	9 32	13 7	13 7	5 33	0	---	---	17
18	---	---	0	0	9 25	9 32	13 7	13 7	5 33	0	---	---	18
19	---	---	0	0	9 25	8 55	13 7	13 7	5 33	0	---	---	19
20	---	---	0	0	9 25	9 34	13 7	13 7	5 33	0	---	---	20
21	---	---	0	0	9 25	9 35	13 7	13 7	5 33	0	---	---	21
22	---	---	0	0	9 25	9 35	13 7	13 7	5 33	0	---	---	22
23	---	---	0	0	9 25	9 38	13 7	13 7	5 33	0	---	---	23
24	---	---	0	0	9 51	9 41	13 7	13 7	5 33	0	---	---	24
25	---	---	0	0	9 17	9 41	13 7	12 4	8 28	0	---	---	25
26	---	---	0	0	5 17	9 42	13 7	11 2	9 51	0	---	---	26
27	---	---	0	0	5 17	9 44	13 7	13 7	9 51	0	---	---	27
28	---	---	0	0	5 17	9 44	13 7	10 5	9 51	0	---	---	28
29	---	---	0	0	5 17	5 27	13 7	3 51	4 76	0	---	---	29
30	---		0	0	8 23	9 47	13 7	9 51	0	0	---	---	30
31	---		0		9 25		13 8	9 51		0		---	31
TOTAL	---	---	0	0	230 11	279 00	406 02	403 53	225 20	0	---	---	TOTAL
MEAN	---	---	0	0	7 42	9 30	13 1	13 0	7 51	0	---	---	MEAN
MAX	---	---	0	0	9 25	9 47	13 7	13 7	9 51	0	---	---	MAX
MIN	---	---	0	0	3 88	8 55	6 34	9 51	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 30
MAXIMUM DAILY, 13 7 ON JUL 6
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 07 N
LONG 108 50 10 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	35 100
FEB	---	AUG	34 900
MAR	0	SEP	19 500
APR	0	OCT	0
MAY	19 900	NOV	---
JUN	24 100	DEC	---

TOTAL DISCHARGE, 134 000 dam³

BRODERICK RESERVOIR AT WEST EMBANKMENT - STATION NO 05MF017

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	562.956	562.988	561 610	563.178	563 256	560 587	563 318	563 682	---	---	1
2	---	---	562.955	562 990	561 588	563 112	563 140	560 500	563 372	563 631	---	---	2
3	---	---	562.957	562 993	561 580	563 045	562 908	560 491	563 430	563 598	---	---	3
4	---	---	562.957	562 991	561 592	562 979	562 714	560 502	563 478	563 578	---	---	4
5	---	---	562.957	562 992	561 602	562.906	562 570	560 521	563 502	563 573	---	---	5
6	---	---	562 958	562.994	561 610	562 822	562 403	560 554	563 516	563 581	---	---	6
7	---	---	562 957	562 996	561 619	562 741	562 237	560 591	563 530	563 581	---	---	7
8	---	---	562 956	562 998	561 661	562 688	562 070	560 644	563 554	563 582	---	---	8
9	---	---	562 954	562 999	561 813	562 671	561 906	560 723	563 580	563 578	---	---	9
10	---	---	562 958	562 999	561 974	562 693	561 717	560 852	563 606	563 574	---	---	10
11	---	---	562 954	563 002	562 129	562 733	561 543	561 024	563 640	563 577	---	---	11
12	---	---	562 955	562 999	562 276	562 783	561 380	561 196	563 687	563 574	---	---	12
13	---	---	562 956	562 994	562 410	562 822	561 222	561 358	563 723	563 566	---	---	13
14	---	---	562 958	563 000	562 536	562 849	561 104	561 503	563 762	563 566	---	---	14
15	---	---	562 955	562 997	562 652	562 872	561 018	561 834	563 739	563 564	---	---	15
16	---	---	562 952	562 985	562 784	562 894	560 942	561 781	563 695	563 564	---	---	16
17	---	---	562 952	562 926	562 845	562 917	560 865	561 875	563 653	563 569	---	---	17
18	---	---	562 953	562 834	562 948	562 943	560 788	562 008	563 606	563 572	---	---	18
19	---	---	562 956	562 741	563 087	562 962	560 687	562 140	563 555	563 578	---	---	19
20	---	---	562 958	562 649	563 180	562 958	560 571	562 266	563 496	563 577	---	---	20
21	---	---	562 960	562 551	563 291	562 835	560 461	562 397	563 458	563 577	---	---	21
22	---	---	562 960	562 456	563 389	562 855	560 357A	562 521	563 433	563 572	---	---	22
23	---	---	562 967	562 369	563 488	563 040	560 224A	562 635	563 428	563 573	---	---	23
24	---	---	562 971	562 279	563 540	563 140	560 095A	562 754	563 428	563 574	---	---	24
25	---	---	562 981	562 184	563 531	563 232	560 055A	562 871	563 424	563 568	---	---	25
26	---	---	562 981	562 071	563 502	563 296	560 407A	562 941	563 482	563 572	---	---	26
27	---	562 953A	562 980	561 976	563 458	563 335	560 792	563 029	563 564	563 566	---	---	27
28	---	562 952	562 981	561 885	563 417	563 354	561 042	563 139	563 664	563 563	---	---	28
29	---	562 955	562 982	561 798	563 359	563 380	560 947	563 175	563 759	563 580	---	---	29
30	---		562 984	561 709	563 302	563 322	560 830	563 218	563 742	563 562A	---	---	30
31	---		562 986		563 248		560 707	563 269		563 562E		---	31
MEAN	---	---	562 963	562 678	562 613	562 985	561 321	561 784	563 561	563 578	---	---	MEAN
MAX	---	---	562 986	563 002	563 540	563 380	563 256	563 269	563 769	563 682	---	---	MAX
MIN	---	---	562 952	561 709	561 580	562 671	560 055	560 491	563 318	563 560	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 563 769 ON SEP 29
MINIMUM DAILY, 560 055A ON JUL 25
MAXIMUM INSTANTANEOUS,
563 801 AT 13 42 CST ON SEP 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 27 55 N
LONG 105 55 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BROKENSHELL CREEK NEAR TROSSACHS - STATION NO 05JE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 003B	0	0	0 006	0	0	0	0	---	---	20
21	---	---	0 006B	0	0	0 017	0	0	0	0	---	---	21
22	---	---	0 001B	0	0	0 015	0	0	0	0	---	---	22
23	---	---	0 007B	0	0	0 014	0	0	0	0	---	---	23
24	---	---	0 006	0	0	0 001	0	0	0	0	---	---	24
25	---	---	0 006	0	0	0	0	0	0	0	---	---	25
26	---	---	0 004	0	0	0	0	0	0	0	---	---	26
27	---	---	0 002	0	0	0	0	0	0	0	---	---	27
28	---	---	0 001	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0 037	0	0	0 053	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 001	0	0	0 002	0	0	0	0	---	---	MEAN
MAX	---	---	0 006	0	0	0 017	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.017 ON JUN 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 031 AT 02:45 CST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 55 N
LONG 104 13 07 W
DRAINAGE AREA, 153 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3.20	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	4.58	DEC	---

TOTAL DISCHARGE, 7.78 dam³

BUFFALO POUND LAKE AT PUMPING STATION - STATION NO. 05JG009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	509.491	509.484	509.495	509.571	509.412	509.418	509.292	509.226	509.438	509.535	509.386	509.347	1
2	509.488	509.483	509.494	509.589	509.392	509.388	509.292	509.229	509.462	509.537	509.380	509.348	2
3	509.486	509.482	509.498	509.589	509.388	509.350	509.298	509.244	509.473	509.519	509.382	509.348	3
4	509.485	509.479	509.499	509.568	509.412	509.330	509.275	509.284	509.449	509.495	509.359	509.348	4
5	509.488	509.476	509.498	509.586	509.423	509.335	509.283	509.282	509.435	509.507	509.359	509.345	5
6	509.487	509.476	509.499	509.583	509.421	509.348	509.180	509.285	509.488	509.505	509.359	509.345	6
7	509.486	509.477	509.499	509.562	509.418	509.388	509.284	509.307	509.480	509.487	509.361	509.347	7
8	509.487	509.477	509.498	509.562	509.403	509.381	509.284	509.313	509.482	509.479	509.360	509.345	8
9	509.485	509.476	509.497	509.562	509.382	509.348	509.259	509.311	509.489	509.464	509.358	509.343	9
10	509.485	509.477	509.496	509.583	509.443	509.358	509.255	509.288	509.485	509.449	509.358	509.344	10
11	509.487	509.476	509.493	509.582	509.401	509.349	509.245	509.319	509.462	509.461	509.356	509.342	11
12	509.488	509.476	509.495	509.558	509.405	509.357	509.242	509.335	509.511	509.473	509.357	509.338	12
13	509.490	509.476	509.495	509.557	509.408	509.343	509.267	509.335	509.518	509.470	509.356	509.337	13
14	509.489	509.476	509.496	509.548	509.330	509.333	509.265	509.389	509.520	509.459	509.357	509.336	14
15	509.488	509.481	509.495	509.534	509.312	509.347	509.229	509.325	509.517	509.479	509.354	509.337	15
16	509.489	509.480	509.494	509.510	509.384A	509.382	509.245	509.388	509.527	509.545	509.353	509.333	16
17	509.488	509.481	509.493	509.471	509.480	509.401	509.195	509.387	509.539	509.484	509.348	509.334	17
18	509.486	509.481	509.491	509.482	509.450	509.385	509.201	509.371	509.528	509.436	509.346	509.333	18
19	509.484	509.481	509.487	509.483	509.394	509.358	509.170	509.394	509.582	509.447	509.345	509.336	19
20	509.484	509.483	509.485	509.487	509.398	509.357	509.181	509.418	509.519	509.451	509.347	509.337	20
21	509.482	509.483	509.485	509.489	509.432	509.371	509.184	509.418	509.511	509.440	509.350	509.337	21
22	509.483	509.483	509.487	509.495	509.408	509.371	509.199	509.383	509.587	509.442	509.348	509.335	22
23	509.485	509.483	509.498	509.505	509.377	509.372	509.188	509.390	509.585	509.420	509.347	509.334	23
24	509.483	509.484	509.519	509.498	509.427	509.349	509.182	509.424	509.559	509.412	509.347	509.332	24
25	509.482	509.486	509.541	509.486	509.381	509.354	509.186	509.433	509.585	509.378	509.351	509.330	25
26	509.481	509.489	509.555	509.482	509.375	509.350	509.156	509.443	509.570	509.425	509.353	509.332	26
27	509.481	509.491	509.565	509.507	509.370	509.339	509.151	509.482	509.580	509.432	509.350	509.334	27
28	509.483	509.491	509.570	509.475	509.379	509.316	509.151	509.471	509.552	509.385	509.348	509.335	28
29	509.486	509.492	509.573	509.431	509.373	509.278	509.181	509.527	509.545	509.389	509.349	509.334	29
30	509.484		509.573	509.427	509.377	509.327	509.209	509.468	509.529	509.374	509.346	509.332	30
31	509.484		509.572		509.404		509.218	509.443		509.372		509.330	31
MEAN	509.486	509.481	509.511	509.520	509.399	509.353	509.221	509.382	509.514	509.456	509.354	509.338	MEAN
MAX	509.491	509.492	509.573	509.571	509.490	509.418	509.288	509.527	509.597	509.545	509.368	509.348	MAX
MIN	509.481	509.476	509.485	509.427	509.312	509.276	509.151	509.226	509.435	509.372	509.345	509.330	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 509.416
MAXIMUM DAILY, 509.597 ON SEP 22
MINIMUM DAILY, 509.151 ON JUL 27
MAXIMUM INSTANTANEOUS,
509.707 AT 14:08 CST ON AUG 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 105 23 10 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
3 310 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

BURNTOUT BROOK NEAR ARBORFIELD - STATION NO. 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.85 B	0.824	0.828	0.214	0	0	0	---	---	1
2	---	---	0 B	2.07 B	0.731	0.650	0.155	0	0	0	---	---	2
3	---	---	0 B	4.24 B	0.616	0.435	0.089	0	0	0	---	---	3
4	---	---	0 B	5.16 B	0.646	0.294	0.078	0	0	0	---	---	4
5	---	---	0 B	6.40 B	0.647	0.173	0.019	0	0	0	---	---	5
6	---	---	0 B	7.42 B	0.559	0.205	0.016	0	0	0	---	---	6
7	---	---	0 B	8.84	0.382	0.338	0.039	0	0	0	---	---	7
8	---	---	0 B	8.63	0.480	2.24	0.008	0	0	0	---	---	8
9	---	---	0 B	9.59	0.430	2.57	0.026	0	0	0	---	---	9
10	---	---	0 B	8.98	0.590	2.50	0.005	0	0	0	---	---	10
11	---	---	0 B	6.86	0.641	2.09	0	0	0	0	---	---	11
12	---	---	0 B	4.76	0.864	1.84	0	0	0	0	---	---	12
13	---	---	0 B	3.86	0.873	1.17	0	0	0	0	---	---	13
14	---	---	0 B	3.10	0.965	0.951	0	0	0	0	---	---	14
15	---	---	0 B	2.44	0.989	0.682	0	0	0	0	---	---	15
16	---	---	0 B	2.12	1.03	0.555	0	0	0	0	---	---	16
17	---	---	0 B	1.87	1.10	0.617	0	0	0	0	---	---	17
18	---	---	0 B	1.63	1.88	0.383	0	0	0	0	---	---	18
19	---	---	0 B	1.39	2.05	0.223	0	0	0	0	---	---	19
20	---	---	0 B	1.26	2.44	0.414	0	0	0	1.15	---	---	20
21	---	---	0 B	0.815	2.89	9.04	0	0	0	0.785	---	---	21
22	---	---	0 B	0.892	2.95	3.89	0	0	0	0.112	---	---	22
23	---	---	0 B	0.567	2.51	2.93	0	0	0	0.086	---	---	23
24	---	---	0 B	0.519	2.34	2.32	0	0	0	0.104	---	---	24
25	---	---	0 B	0.548	2.62	2.83	0	0	0	0.087	---	---	25
26	---	---	0 B	0.578	2.59	1.52	0	0	0	0.140	---	---	26
27	---	---	0 B	0.675	2.28	1.15	0	0	0	0.128	---	---	27
28	---	---	0 B	0.845	1.92	0.891	0	0	0	0.1488	---	---	28
29	---	---	0.0358 B	0.818	1.56	0.563	0	0	0	0.1448	---	---	29
30	---	---	1.73 B	0.928	1.28	0.372	0	0	0	0.1448	---	---	30
31	---	---	2.08 B		1.05		0	0		0.1448		---	31
TOTAL	---	---	3.845	100.736	42.387	44.464	0.859	0	0	3.151	---	---	TOTAL
MEAN	---	---	0.124	3.36	1.37	1.48	0.021	0	0	0.102	---	---	MEAN
MAX	---	---	2.08	9.84	2.89	9.04	0.214	0	0	1.15	---	---	MAX
MIN	---	---	0	0.519	0.382	0.173	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.787
MAXIMUM DAILY, 9.84 ON APR 7
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.8 AT 13:34 CST ON JUN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 16 N
LONG 103 40 45 W
DRAINAGE AREA, 305 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	86.9
FEB	---	AUG	0
MAR	332	SEP	0
APR	8 700	OCT	272
MAY	3 660	NOV	---
JUN	3 840	DEC	---

TOTAL DISCHARGE, 16 900 dam³

CANDLE LAKE AT CANDLE LAKE - STATION NO. 05KE005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	494.296	494.319	494.384	494.498	494.334A	494.265	494.184	494.162	---	---	1
2	---	---	494.292	494.319	494.387	494.510	494.338A	494.286	494.170	494.160	---	---	2
3	---	---	494.291	494.321	494.387	494.508	494.327E	494.284	494.156	494.165	---	---	3
4	---	---	494.292	494.321	494.386	494.484	494.321A	494.262	494.155	494.139	---	---	4
5	---	---	494.297	494.316	494.387	494.494	494.314	494.280	494.142	494.159	---	---	5
6	---	---	494.298A	494.313	494.386	494.485	494.299	494.256	494.159	494.172	---	---	6
7	---	---	494.304A	494.312	494.383	494.499	494.301	494.252	494.185	494.185	---	---	7
8	---	---	494.302	494.316	494.383	494.505	494.301	494.247	494.186	494.171	---	---	8
9	---	---	494.302	494.320	494.358	494.495	494.304	494.245	494.195	494.170	---	---	9
10	---	---	494.300	494.324	494.382	494.484	494.302	494.234	494.188	494.161	---	---	10
11	---	---	494.301	494.331	494.400	494.476	494.300	494.238	494.181	494.164	---	---	11
12	---	---	494.300	494.335	494.406	494.468	494.294	494.236	494.158	494.167	---	---	12
13	---	---	494.300	494.338	494.412	494.463	494.294	494.230	494.181	494.178	---	---	13
14	---	---	494.302	494.342	494.390	494.452A	494.305	494.224	494.189	494.175	---	---	14
15	---	---	494.301	494.346	494.391	494.439E	494.304	494.215	494.185	494.152	---	---	15
16	---	---	494.302	494.350	494.422	494.435A	494.302	494.213	494.187	494.187	---	---	16
17	---	---	494.303	494.355	494.465	494.435	494.303	494.218	494.187	494.163	---	---	17
18	---	---	494.306	494.359	494.483	494.430A	494.299	494.213	494.182	494.172	---	---	18
19	---	---	494.305	494.362	494.478	494.431E	494.302	494.212A	494.178	494.172	---	---	19
20	---	---	494.306	494.367	494.471	494.435A	494.300	494.221A	494.176	494.174	---	---	20
21	---	---	494.307	494.372	494.506	494.433	494.302	494.220	494.151	494.175	---	---	21
22	---	---	494.308	494.379	494.507	494.428	494.295	494.218	494.169	494.178	---	---	22
23	---	---	494.312	494.380	494.522	494.425	494.292	494.213	494.179	494.180	---	---	23
24	---	---	494.315	494.384	494.530	494.416	494.284	494.208	494.181	494.181	---	---	24
25	---	---	494.316	494.385	494.547	494.411	494.282	494.215	494.177	494.170	---	---	25
26	---	---	494.317	494.383	494.554	494.401	494.284	494.213	494.162	494.185	---	---	26
27	---	494.287A	494.316	494.382	494.556	494.389	494.280	494.214	494.163	494.183	---	---	27
28	---	494.283	494.318	494.379	494.550	494.390	494.278	494.198	494.173	494.178	---	---	28
29	---	494.284	494.317	494.379	494.546	494.372	494.278	494.181	494.182	494.174	---	---	29
30	---		494.318	494.380	494.544	494.341	494.269	494.184	494.172	494.178A	---	---	30
31	---		494.318		494.518		494.269	494.171		494.178E		---	31
MEAN	---	---	494.305	494.349	494.451	494.448	494.299	494.225	494.173	494.171	---	---	MEAN
MAX	---	---	494.318	494.385	494.556	494.510	494.338	494.286	494.195	494.187	---	---	MAX
MIN	---	---	494.291	494.312	494.358	494.341	494.269	494.184	494.142	494.139	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 494.556 ON MAY 27

MAXIMUM INSTANTANEOUS,
494.560 AT 13:27 CST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 10 N
LONG 105 18 14 W

A - MANUAL GAUGE
E - ESTIMATED

DRAINAGE AREA,
1 690 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CANOE RIVER NEAR BEAUVAL - STATION NO 06BB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00E	1.41B	1.05 B	1.38B	15.2	28.0E	36.0E	10.8 E	4.53	7.27	10.1 B	9.10B	1
2	1.99B	1.48B	1.01 B	1.38B	15.1	29.2E	35.0E	10.5 E	4.53	7.26	12.7 B	9.09B	2
3	1.98B	1.59B	1.03 B	1.31B	14.7	30.3E	34.0E	10.0 E	4.43	7.36	12.1 B	9.03B	3
4	1.98B	1.68B	1.06 B	1.26B	14.2	31.3E	32.5E	9.60E	4.41	7.56	13.0 B	8.94B	4
5	1.97B	1.65B	1.10 B	1.20B	14.0	32.5E	31.5E	9.25E	4.31	7.57	12.2 B	8.89B	5
6	1.97B	1.65B	1.12 B	1.15B	13.8	33.6E	30.0E	8.90E	4.26	7.66	11.6 B	8.74B	6
7	1.97B	1.54B	1.11 B	1.23B	13.6	35.3E	29.0E	8.60E	4.91	7.81	11.3 B	8.68B	7
8	1.96B	1.59B	1.10 B	1.27B	14.0	36.5E	28.0E	8.25E	5.49	7.97	10.3 B	8.60B	8
9	1.96B	1.74B	1.07 B	1.21B	13.6	38.3E	26.5E	8.00E	5.70	8.08	11.6 B	8.68B	9
10	1.95B	1.64B	1.05 B	1.40B	13.8	39.8E	25.5E	7.70E	5.78	8.36	11.4 B	8.60B	10
11	1.95B	1.51B	1.01 B	2.08B	14.2	41.5E	24.5E	7.40E	5.76	8.53	11.0 B	8.50B	11
12	1.98B	1.46B	0.950B	4.24B	14.2	43.0E	24.0E	7.10E	5.72	8.71	10.8 B	8.33B	12
13	1.88B	1.43B	0.890B	7.75B	13.9	45.0E	23.0E	6.90E	5.79	9.14	10.6 B	8.32B	13
14	1.80B	1.43B	0.810B	13.1 B	13.7	46.5E	22.0E	6.80E	5.81	9.47	10.3 B	8.29B	14
15	1.90B	1.46B	0.720B	17.9	13.2	48.5E	21.5E	6.40E	5.85	9.81	10.5 B	8.23B	15
16	2.02B	1.48B	0.640B	17.1	13.5	49.5E	20.5E	6.20E	5.89	10.2	10.6 B	7.83B	16
17	1.87B	1.48B	0.640B	17.1	16.5	50.0E	20.0E	6.00E	5.88	10.5	10.4 B	7.39B	17
18	1.56B	1.50B	0.680B	17.0	20.3	50.5E	19.0E	5.70E	6.00	11.3	10.1 B	6.92B	18
19	1.53B	1.51B	0.670B	16.8	20.0	50.2E	18.0E	5.55E	6.08	12.0	10.3 B	6.71B	19
20	1.33B	1.50B	0.612B	16.7	20.8	50.0E	17.5E	5.40E	6.15	12.3	10.2 B	6.62B	20
21	1.23B	1.48B	0.582B	16.6 A	23.2	49.5E	16.8E	5.25E	6.25	12.7	10.2 B	6.63B	21
22	1.12B	1.49B	0.623B	16.7	23.6	48.0E	16.2E	5.02A	6.36	13.0	10.3 B	6.54B	22
23	1.03B	1.60B	0.966B	16.6	23.5	47.0E	15.5E	4.90	6.46	13.3	10.1 B	6.41B	23
24	1.02B	1.67B	1.07 B	16.3	23.5	46.0E	14.9E	4.74	6.46	13.4	9.79B	6.15B	24
25	1.02B	1.65B	1.23 B	15.9	23.9	44.5E	14.4E	4.60	6.60	12.2 B	9.68B	5.84B	25
26	1.08B	1.57B	1.24 B	15.5	24.3	43.0E	13.7E	4.45	6.80	10.9 B	9.60B	5.57B	26
27	1.18B	1.41B	1.23 B	15.6	24.7	41.5E	13.3E	4.46	6.82	12.2 B	9.52B	5.38B	27
28	1.22B	1.28B	1.34 B	15.5	25.1	40.0E	12.7E	4.44	7.00	12.7 B	9.38B	5.13B	28
29	1.31B	1.19B	1.44 B	15.1	25.6A	38.8E	12.3E	4.44	7.07	11.4 B	9.19B	5.02B	29
30	1.36B		1.39 B	15.2	26.3E	37.5E	11.8E	4.51	7.16	10.3 B	9.14B	5.01B	30
31	1.36B		1.36 B		26.8E		11.4E	4.53		9.67B		4.92B	31
TOTAL	50.42	44.04	30.393	301.57	573.2	1 245.3	670.9	206.19	174.49	310.83	318.18	228.27	TOTAL
MEAN	1.63	1.52	0.980	10.1	18.5	41.5	21.6	6.65	5.82	10.0	10.8	7.36	MEAN
MAX	2.02	1.74	1.44	17.9	26.8	50.5	36.0	10.8	7.15	13.4	13.0	9.10	MAX
MIN	1.02	1.19	0.470	1.15	13.2	28.0	11.4	4.44	4.26	7.26	9.14	4.92	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.3
MAXIMUM DAILY, 50.5E ON JUN 18
MINIMUM DAILY, 0.470B ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 24 20 N
LONG 108 01 40 W
DRAINAGE AREA, 4 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 380	JUL	58 000
FEB	3 810	AUG	17 800
MAR	2 630	SEP	15 100
APR	26 100	OCT	26 900
MAY	49 500	NOV	27 500
JUN	108 000	DEC	19 700

TOTAL DISCHARGE, 359 000 dam³

CARROT RIVER NEAR ARMLEY - STATION NO. OSKB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0388	2 79	7 22	2 80	0 057	0	0 003	---	---	1
2	---	---	0 B	0 1248	2 94	6 32	2 55	0 049	0	0 003	---	---	2
3	---	---	0 B	0 6138	2 95	5 78	2 23	0 033	0	0 002	---	---	3
4	---	---	0 B	3 20 B	2 88	5 30	2 03	0 033	0	0 001	---	---	4
5	---	---	0 B	9 44 B	2 76	5 07	1 81	0 054	0	0 001	---	---	5
6	---	---	0 B	25 4 B	2 58	4 94	1 51	0 089	0	0	---	---	6
7	---	---	0 B	44 9 B	2 72	5 19	1 28	0 085	0	0	---	---	7
8	---	---	0 B	50 9	2 82	7 89	1 09	0 084	0 A	0	---	---	8
9	---	---	0 B	50 9	2 33	12 1	0 873	0 047	0 E	0	---	---	9
10	---	---	0 B	47 9	2 30	14 5	0 701	0 041	0 E	0	---	---	10
11	---	---	0 B	41 2	2 81	14 8	0 583	0 028	0 E	0	---	---	11
12	---	---	0 B	33 3	3 32	12 5	0 476	0 026	0 E	0	---	---	12
13	---	---	0 B	29 1	3 19	11 0	0 408	0 022	0 E	0	---	---	13
14	---	---	0 B	26 7	2 91	10 2	0 484	0 014	0 E	0	---	---	14
15	---	---	0 B	24 6	2 79	10 2	0 478	0 016	0 E	0	---	---	15
16	---	---	0 B	22 8	2 54	10 1	0 399	0 012	0 E	0	---	---	16
17	---	---	0 B	20 5	2 51	9 81	0 315	0 004	0 E	0	---	---	17
18	---	---	0 B	17 8	3 88	9 01	0 278	0 002	0 E	0	---	---	18
19	---	---	0 B	15 2 A	9 05	8 07	0 330	0 002	0 001E	0	---	---	19
20	---	---	0 B	12 7 E	15 9	7 27	0 350	0 004	0 001A	0 001	---	---	20
21	---	---	0 B	10 1 A	15 6	8 41	0 342	0 006	0 002	0 001	---	---	21
22	---	---	0 B	7 87 E	13 7	9 23	0 329	0 026	0 006	0 004	---	---	22
23	---	---	0 B	6 74	13 6	7 83	0 387	0 013	0 002	0 003	---	---	23
24	---	---	0 B	5 93	14 3	6 24	0 396	0 007	0 001	0 0038	---	---	24
25	---	---	0 B	5 15	15 3	5 48	0 327	0 002	0 001	0 0028	---	---	25
26	---	---	0 B	4 52	15 7	4 76	0 253	0	0 003	0 0028	---	---	26
27	---	---	0 B	4 02	15 0	4 19	0 158	0	0 005	0 0028	---	---	27
28	---	---	0 B	3 77	13 5	3 80	0 102	0	0 004	0 0028	---	---	28
29	---	---	0 B	3 37	11 8	3 44	0 095	0	0 003	0 0018	---	---	29
30	---		0 B	3 02	10 1	3 08	0 081	0	0 003	0 0018	---	---	30
31	---		0 0018		8 38		0 073	0		0 0018		---	31
TOTAL	---	---	0 001	531 606	223 84	233 63	23 518	0 696	0 032	0 033	---	---	TOTAL
MEAN	---	---	0	17 7	7 22	7 79	0 759	0 022	0 001	0 001	---	---	MEAN
MAX	---	---	0 001	50 9	15 9	14 9	2 80	0 089	0 006	0 004	---	---	MAX
MIN	---	---	0	0 039	2 30	3 08	0 073	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4 14
MAXIMUM DAILY, 50 9 ON APR 8
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
51 6 AT 08 32 CST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 08 11 N
LONG 104 01 15 W
DRAINAGE AREA, 4 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 030
FEB	---	AUG	80 1
MAR	0 09	SEP	2 76
APR	45 900	OCT	2 85
MAY	19 300	NOV	---
JUN	20 200	DEC	---

TOTAL DISCHARGE, 87 500 dam³

CARROT RIVER NEAR KINISTINO - STATION NO. OSKA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 284	2 02	0 585	1 11	0 004	0 016	0	0 1718	---	1
2	---	---	0 B	0 692	1 89	0 263	0 889	0 003	0 020	0	---	---	2
3	---	---	0 B	0 923	1 76	0 068	0 716	0 003	0 020	0	---	---	3
4	---	---	0 B	1 33	1 52	0 027	0 591	0 002	0 015	0	---	---	4
5	---	---	0 B	1 83	1 26	0 012	0 521	0 016	0 010	0	---	---	5
6	---	---	0 B	3 00	1 15	0 056	0 575	0 021	0 005	0	---	---	6
7	---	---	0 B	3 63	1 18	0 343	0 855	0 023	0 006	0	---	---	7
8	---	---	0 B	3 39	1 06	1 25	0 505	0 024	0 005	0	---	---	8
9	---	---	0 B	3 16	0 082	2 44	0 458	0 018	0 003	0	---	---	9
10	---	---	0 B	3 06	0 011	2 51	0 361	0 015	0 002	0	---	---	10
11	---	---	0 B	3 88	0 009	2 33	0 285	0 013	0 002	0	---	---	11
12	---	---	0 B	3 83	0 004	1 93	0 217	0 008	0 001	0	---	---	12
13	---	---	0 B	3 70	0 006	1 90	0 187	0 005	0 300	0	---	---	13
14	---	---	0 B	3 58	0 004	2 00	0 202	0 005	0 050	0	---	---	14
15	---	---	0 B	3 48	0 003	2 09	0 158	0 005	0 012	0	---	---	15
16	---	---	0 B	3 38	0 008	1 99	0 150	0 004	0 008	0	---	---	16
17	---	---	0 B	3 31	0 145	1 97	0 121	0 003	0 004	0	---	---	17
18	---	---	0 B	3 17	0 291	1 93	0 115	0 001	0 054	0	---	---	18
19	---	---	0 B	2 88	0 653	1 72	0 078	0 002	0 078	0	---	---	19
20	---	---	0 B	2 56	0 888	1 70	0 075	0 003	0 031	0	---	---	20
21	---	---	0 B	2 55	0 902	1 63	0 075	0 005	0 007	0	---	---	21
22	---	---	0 B	2 46	0 299	1 84	0 075	0 022	0 021	0	---	---	22
23	---	---	0 0028	1 88	0 628	1 78	0 058	0 014	0 016	0	---	---	23
24	---	---	0 021	1 88	0 588	1 76	0 043	0 018	0 008	0	---	---	24
25	---	---	0 008	1 45	0 840	1 62	0 038	0 075	0 005	0	---	---	25
26	---	---	0 041	1 29	0 742	1 48	0 027	0 056	0 002	0 0088	---	---	26
27	---	---	0 057	1 35	0 572	1 50	0 015	0 043	0 001	0 0118	---	---	27
28	---	---	0 049	2 22	0 496	1 34	0 013	0 042	0 002	0 0148	---	---	28
29	---	---	0 109	2 37	0 484	1 41	0 012	0 047	0	0 0108	---	---	29
30	---		0 202	2 16	0 369	1 42	0 009	0 042	0	0 0178	---	---	30
31	---		0 306		0 506		0 006	0 031		0 2818		---	31
TOTAL	---	---	0 795	74 559	19 898	43 074	8 342	0 573	0 704	0 341	---	---	TOTAL
MEAN	---	---	0 026	2 49	0 642	1 44	0 269	0 018	0 023	0 011	---	---	MEAN
MAX	---	---	0 306	3 88	2 02	2 51	1 11	0 075	0 300	0 281	---	---	MAX
MIN	---	---	0	0 284	0 003	0 012	0 006	0 001	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 605
MAXIMUM DAILY, 3 88 ON APR 11
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4 31 AT 04:46 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 55 N
LONG 105 00 18 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	721
FEB	---	AUG	49 5
MAR	58 7	SEP	80 6
APR	6 440	OCT	29 5
MAY	1 720	NOV	---
JUN	3 720	DEC	---

TOTAL DISCHARGE, 12 800 dam³

CARROT RIVER NEAR SMOKY BURN - STATION NO 05KC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 285B	0 364B	0 355B	0 648B	16 7	28 0	16 0	0 418	0 167	0 782	1 61 B	0 424B	1
2	0 293B	0 355B	0 373B	0 823B	14 8	24 0	13 2	0 384	0 197	0 842	1 61 B	0 416B	2
3	0 295B	0 362B	0 388B	1 79 B	13 1	21 1	11 4	0 369	0 238	0 868	1 59 B	0 403B	3
4	0 269B	0 338B	0 396B	10 6 B	11 8	18 7	9 51	0 416	0 211	0 840	1 50 B	0 395B	4
5	0 334B	0 352B	0 428B	28 3 B	11 1	16 3	8 09	0 400	0 182	1 74	1 47 B	0 463B	5
6	0 326B	0 382B	0 539B	76 1 B	10 3	14 4	6 85	0 359	0 134	1 84	1 43 B	0 572B	6
7	0 315B	0 401B	0 608B	106 B	9 75	15 1	5 77	0 356	0 192	1 31	1 37 B	0 537B	7
8	0 351B	0 400B	0 579B	145 B	9 13	29 2	5 11	0 335	0 281	1 12	1 30 B	0 418B	8
9	0 474B	0 390B	0 546B	154	8 59	55 4	4 45	0 321	0 432	1 00	1 31 B	0 361B	9
10	0 681B	0 382B	0 548B	156	8 40	69 3	3 71	0 330	0 539	0 879	1 43 B	0 382B	10
11	0 773B	0 368B	0 558B	163	9 15	71 1	3 23	0 331	0 650	0 835	1 34 B	0 435B	11
12	0 874B	0 358B	0 580B	164	12 0	55 1	2 69	0 315	0 636	0 840	1 23 B	0 720B	12
13	0 811B	0 365B	0 606B	151	14 1	44 4	2 44	0 296	0 611	0 837	1 17 B	0 902B	13
14	0 686B	0 353B	0 619B	118	15 5	37 3	2 27	0 282	0 531	0 751	1 18 B	0 935B	14
15	0 608B	0 344B	0 610B	84 1	16 2	30 7	2 18	0 188	0 477	0 728	1 20 B	0 926B	15
16	0 629B	0 334B	0 615B	56 5	14 9	29 9	2 25	0 109	0 586	0 871	1 21 B	0 798B	16
17	0 623B	0 312B	0 678B	56 7	14 9	26 9	2 29	0 059	0 626	1 02	1 38 B	0 814B	17
18	0 619B	0 300B	0 690B	50 2	23 6	24 0	2 10	0 031	0 519	2 32	1 33 B	0 926B	18
19	0 621B	0 290B	0 678B	45 2	63 0	22 1	1 97	0 036	0 457	3 50	1 20 B	0 921B	19
20	0 618B	0 290B	0 631B	42 3	98 6	20 0	1 81	0 126	0 385	2 81	1 18 B	0 765B	20
21	0 621B	0 305B	0 592B	35 5	95 7	58 2	1 68	0 178	0 380	2 40	1 07 B	0 575B	21
22	0 613B	0 299B	0 586B	29 4	83 8	93 1	1 50	0 231	0 460	2 30	0 922B	0 345B	22
23	0 581B	0 289B	0 593B	24 5	73 0	88 0	1 32	0 262	0 553	3 23	0 837B	0 327B	23
24	0 487B	0 282B	0 576B	21 2	62 0	75 4	1 18	0 244	0 616	3 05	0 761B	0 371B	24
25	0 475B	0 278B	0 652B	22 0	56 4	64 3	1 04	0 237	1 08	2 07 B	0 677B	0 629B	25
26	0 480B	0 280B	0 550B	27 8	52 2	51 8	0 909	0 373	1 01	2 02 B	0 605B	1 13 B	26
27	0 481B	0 281B	0 500B	27 6	49 2	40 3	0 785	0 345	0 863	1 84 B	0 602B	1 25 B	27
28	0 474B	0 264B	0 471B	24 9	46 2	31 4	0 867	0 328	0 739	1 98 B	0 512B	0 862B	28
29	0 469B	0 319B	0 473B	21 2	41 5	25 5	0 580	0 266	0 666	1 95 B	0 478B	0 670B	29
30	0 443B		0 521B	18 4	36 9	20 1	0 509	0 226	0 659	1 78 B	0 437B	0 640B	30
31	0 394B		0 542B		32 6		0 451	0 193		1 67 B		0 636B	31
TOTAL	16 027	9 637	17 081	1 872 761	1 025 12	1 199 1	117 841	8 324	15 057	50 063	33 941	19 948	TOTAL
MEAN	0 517	0 332	0 551	62 4	33 1	40 0	3 80	0 269	0 502	1 61	1 13	0 643	MEAN
MAX	0 874	0 401	0 690	164	98 6	93 1	16 0	0 418	1 08	3 50	1 61	1 25	MAX
MIN	0 285	0 264	0 355	0 648	8 40	14 4	0 451	0 031	0 134	0 728	0 437	0 327	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12 0
MAXIMUM DAILY, 164 ON APR 12
MINIMUM DAILY, 0 031 ON AUG 18
MAXIMUM INSTANTANEOUS,
166 AT 04 31 CST ON APR 12

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 00 N
LONG 103 08 30 W
DRAINAGE AREA, 9 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 380	JUL	10 200
FEB	833	AUG	719
MAR	1 480	SEP	1 300
APR	162 000	OCT	4 330
MAY	88 600	NOV	2 930
JUN	104 000	DEC	1 720

TOTAL DISCHARGE, 379 000 dam³

CARROT RIVER NEAR TURNBERRY - STATION NO 05KH007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 26B	1 36B	1 80B	3 24B	93 5	102	83 4	15 6	2 60	10 4	12 8 B	4 14B	1
2	1 27B	1 36B	1 83B	4 65B	91 3	100	80 7	14 6	2 63	10 0	12 5 B	4 10B	2
3	1 27B	1 37B	1 85B	7 13B	88 6	97 4	77 6	13 7	2 63	10 4	12 1 B	4 22B	3
4	1 34B	1 37B	1 85B	10 7 B	85 8	94 4A	74 3	12 8	2 57	11 0	11 7 B	4 27B	4
5	1 50B	1 37B	1 79B	14 7 B	82 5	92 6E	70 7	12 4	2 41	11 6	11 3 B	4 28B	5
6	1 56B	1 38B	1 73B	19 2 B	79 4	91 0E	66 8	12 3	2 33	12 4	10 9 B	4 31B	6
7	1 62B	1 38B	1 72B	26 1 B	75 9	87 0E	62 9	11 8	2 87	13 7	10 6 B	4 55B	7
8	1 71B	1 38B	1 62B	31 7 B	72 4	109 E	58 9	11 1	2 93	14 3	10 2 B	4 42B	8
9	1 80B	1 38B	1 59B	39 7 B	68 5	108 E	55 4	10 5	3 60	15 4	9 82B	4 36B	9
10	1 76B	1 39B	1 55B	43 3 B	66 2	106 E	52 2	9 72	3 86	16 8	9 43B	4 26B	10
11	1 63B	1 39B	1 48B	47 3 B	66 1	97 4E	48 7	9 61	4 10	20 0	9 04B	4 16B	11
12	1 48B	1 39B	1 42B	51 2	65 9	89 0E	45 2	8 95	4 25	18 7	8 69B	4 05B	12
13	1 42B	1 39B	1 37B	54 1	64 2	87 4E	42 1	8 07	4 35	16 9	8 31B	3 82B	13
14	1 38B	1 40B	1 28B	56 9	61 9	85 8A	41 1	7 59	4 56	15 5	7 92B	3 61B	14
15	1 26B	1 40B	1 24B	59 2	59 7	85 2E	43 0	6 44	4 63	14 0	7 57B	3 49B	15
16	1 22B	1 40B	1 18B	62 7	58 1	84 6E	42 2	6 04	4 45	17 9	7 20B	3 38B	16
17	1 22B	1 38B	1 14B	67 1	56 7	84 0E	39 4	5 54	4 43	30 5	6 84B	3 24B	17
18	1 20B	1 39B	1 16B	73 6	67 5	83 3E	36 4	5 13	4 26	29 7	6 47B	3 15B	18
19	1 19B	1 41B	1 27B	79 6	89 2	82 7E	33 4	4 83	3 86	26 5	6 15B	3 01B	19
20	1 19B	1 43B	1 36B	84 3	86 7	82 0A	30 9	4 72	3 47	25 3	5 78B	2 93B	20
21	1 17B	1 43B	1 34B	87 6	88 0	85 9	29 6	4 46	3 25	24 3	5 31B	2 83B	21
22	1 15B	1 47B	1 33B	89 7	88 4	91 8	28 1	4 76	4 17	23 1	4 90B	2 74B	22
23	1 17B	1 51B	1 42B	90 9	103	93 8	26 5	4 77	5 21	22 0	4 72B	2 64B	23
24	1 33B	1 56B	1 52B	91 9	103	93 9	25 3	4 42	6 94	20 7	4 43B	2 60B	24
25	1 34B	1 62B	1 69B	96 8	102	93 3	23 9	3 61	9 21	18 1	4 26B	2 50B	25
26	1 35B	1 66B	2 10B	102	103	92 4	22 6	3 41	10 1	17 3B	4 09B	2 47B	26
27	1 35B	1 71B	2 36B	101	105	91 5	21 4	3 19	10 4	16 5B	4 14B	2 51B	27
28	1 35B	1 74B	2 40B	98 5	106	90 2	20 1	3 11	10 7	15 6B	4 11B	2 44B	28
29	1 35B	1 78B	2 45B	96 4	106 E	88 4	18 8	2 97	10 8	14 8B	4 09B	2 38B	29
30	1 36B		2 55B	95 3	105 A	86 1	17 6	2 77	10 5	14 0B	4 10B	2 36B	30
31	1 36B		2 77B		104		16 5	2 64		13 2B		2 32B	31
TOTAL	42 57	42 18	52 16	1 78E 52	2 604 5	2 766 1	1 335 7	231 65	151 91	542 6	229 47	105 54	TOTAL
MEAN	1 37	1 45	1 68	59 6	84 0	92 2	43 1	7 47	5 06	17 5	7 65	3 40	MEAN
MAX	1 80	1 78	2 77	102	106	108	83 4	15 6	10 8	30 5	12 8	4 55	MAX
MIN	1 15	1 36	1 14	3 24	56 7	82 0	16 5	2 64	2 33	10 0	4 09	2 32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27 0
MAXIMUM DAILY, 109E ON JUN 8
MINIMUM DAILY, 1 14B ON MAR 17

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 36 00 N
LONG 102 07 00 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 680	JUL	115 000
FEB	3 640	AUG	20 000
MAR	4 510	SEP	13 100
APR	154 000	OCT	46 900
MAY	225 000	NOV	19 800
JUN	239 000	DEC	9 130

TOTAL DISCHARGE, 854 000 dam³

CHIPMAN RIVER ABOVE BLACK LAKE - STATION NO. 07LC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9 28	7 78	6 81	6 19E	25 0E	21 3	20 8	21 0	18 9	15 4	13 9	12 3	1
2	9 24	7 73	6 80A	6 18E	24 9E	21 5	20 6	20 6	18 8	15 3	13 5	12 3	2
3	9 32	7 73	6 73	6 17E	24 8E	21 5	20 5	20 4	18 6	15 1	13 3	12 2	3
4	9 27	7 62	6 68A	6 16E	24 7E	22 3	20 1	20 1	18 4	14 8	13 2	12 1	4
5	9 23	7 56	6 65E	6 15E	24 6E	22 7	20 1	20 0	18 3	15 0	12 9	11 9	5
6	9 14	7 54	6 64E	6 16E	24 5E	23 2	20 0	19 8	18 9	14 9	12 8	11 9	6
7	9 07	7 48	6 63E	6 18E	24 3E	23 3	20 3	19 5	19 2	14 7	12 8	12 0	7
8	9 00	7 47	6 [illegible]	6 20E	24 0E	23 2	20 8	19 1	19 1	14 7	12 8	12 1	8
9	8 90	7 49	6 [illegible]	6 23E	23 7E	22 9	21 0	18 5	18 9	14 6	12 7	12 0	9
10	8 76	7 45	6 [illegible]	6 27E	23 4E	22 8	21 0	18 2	18 7	14 7	12 7	11 9	10
11	8 62	7 36	6 58E	6 32E	23 1E	22 7	21 1	18 0	18 6	14 9	12 7	11 7	11
12	8 57	7 29	6 56E	6 38E	22 8E	22 5	21 3	17 5	18 5	14 9	12 6	11 6	12
13	8 51	7 26	6 54E	6 45E	22 5E	22 6	21 3	17 1	18 4	15 0	12 6	11 5	13
14	8 52	7 25	6 52E	6 52E	22 2E	22 6	21 2	21 4	18 4	15 1	12 6	11 5	14
15	8 67	7 28	6 50E	6 60E	21 9E	22 2	21 3	24 4	18 2	15 1	12 7	11 5	15
16	8 56	7 43	6 48E	6 70E	21 6E	22 1	21 2	24 3A	18 1	15 1	12 7	11 4	16
17	8 40	7 48	6 46E	6 90E	21 3E	22 0	21 2	23 4	17 9	15 5	12 7	11 2	17
18	8 28	7 40	6 44E	7 10E	21 0E	21 9	20 9	22 7	17 7	15 7	12 8	11 1	18
19	8 14	7 28	6 42E	7 40E	20 8E	21 8	20 6	22 5	17 6	15 7	12 8	11 1	19
20	8 05	7 28	6 40E	7 80E	20 6E	21 6	20 5	22 2	17 5	15 6	12 8	11 0	20
21	8 05	7 32	6 38E	8 40E	20 4E	21 4	20 5	21 7	17 3A	15 4	12 8	11 0	21
22	7 95	7 20	6 36E	9 20E	20 2E	21 1	20 6	21 3	17 0	15 5	12 8	10 9	22
23	7 91	7 08	6 34E	10 1 E	20 1A	21 1	20 7	21 0	16 7A	15 3	12 8	10 7A	23
24	8 03	7 12	6 32E	11 2 E	20 2	21 0	20 8	20 9	16 4	15 0	12 9	10 4	24
25	7 98	6 96	6 30E	12 4 E	20 3	21 1	21 6	20 4	16 2	15 0	12 7	10 4	25
26	7 89	6 87	6 28E	13 8 E	20 3	21 3	22 1	20 2	16 0	15 3	12 7	10 3	26
27	7 79	6 77A	6 26E	15 5 E	20 3	21 5	22 3	20 0	15 8	15 1	12 5	10 3	27
28	7 82	6 78A	6 24E	18 0 E	20 4	21 6	22 2	19 8	15 6	14 9	12 5	10 3	28
29	7 82	6 75	6 22E	21 0 E	20 4	21 4	21 7	19 6	15 6	14 7	12 4	10 3	29
30	7 80		6 21E	24 0 E	20 6	21 3	21 2	19 5	15 5	14 5	12 4	10 2	30
31	7 81		6 20E		20 8		21 1	19 1		14 2		10 1	31
TOTAL	262 39	212 03	200 76	273 66	685 8	659 5	650 6	634 2	530 9	466 7	384 1	349 2	TOTAL
MEAN	8 46	7 31	6 48	9 12	22 1	22 0	21 0	20 5	17 7	15 1	12 8	11 3	MEAN
MAX	9 32	7 78	6 81	24 0	25 0	23 3	22 3	24 4	19 2	15 7	13 9	12 3	MAX
MIN	7 79	6 76	6 20	6 15	20 1	21 0	20 0	17 1	15 5	14 2	12 4	10 1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14 5
MAXIMUM DAILY, 25 0E ON MAY 1
MINIMUM DAILY, 6 15E ON APR 5

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 19 10 N
LONG 105 18 10 W
DRAINAGE AREA, 6 580 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 700	JUL	56 200
FEB	18 300	AUG	54 800
MAR	17 300	SEP	45 900
APR	23 600	OCT	40 300
MAY	59 300	NOV	33 200
JUN	57 000	DEC	30 200

TOTAL DISCHARGE, 459 000 dam³

CHITEK LAKE AT CHITEK VILLAGE - STATION NO 08AD012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	566 512	---	---	---	---	---	---	1
2	---	---	---	---	---	566 514	---	---	---	---	---	---	2
3	---	---	---	---	---	566 516	---	566 438	---	---	---	---	3
4	---	---	---	---	---	566 522	---	---	---	---	---	---	4
5	---	---	---	---	---	56F 520	566 616	---	---	---	---	---	5
6	---	---	---	---	---	566 516	---	---	---	---	---	---	6
7	---	---	---	---	---	566 554	---	566 434	---	---	---	---	7
8	---	---	---	---	---	566 576	---	---	---	---	---	---	8
9	---	---	---	---	---	566 566	566 596	566 418	---	---	---	---	9
10	---	---	---	---	---	566 586	566 592	566 414	---	---	---	---	10
11	---	---	---	---	---	566 606	566 578	566 412	---	---	---	---	11
12	---	---	---	---	---	566 622	566 570	---	---	---	---	---	12
13	---	---	---	---	---	566 647	---	---	---	---	---	---	13
14	---	---	---	---	---	---	566 592	---	---	---	---	---	14
15	---	---	---	---	---	566 677	---	---	---	---	---	---	15
16	---	---	---	---	---	566 699	---	566 362	---	---	---	---	16
17	---	---	---	---	---	566 715	---	566 365	---	---	---	---	17
18	---	---	---	---	---	566 719	---	566 359	---	---	---	---	18
19	---	---	---	---	---	566 717	---	---	---	---	---	---	19
20	---	---	---	---	---	566 727	566 533	---	---	---	566 231	---	20
21	---	---	---	---	---	566 787	566 531	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	566 797	566 517	566 323	---	---	---	---	23
24	---	---	---	---	566 501	---	566 511	566 316	---	---	---	---	24
25	---	---	---	---	566 507	---	---	---	---	---	---	---	25
26	---	---	---	---	---	566 717	566 495	---	---	---	---	---	26
27	---	---	---	---	---	---	566 489	566 321	---	---	---	---	27
28	---	---	---	---	---	566 705	566 477	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	566 509	566 671	566 485	566 273	---	---	---	---	30
31	---	---	---	---	566 508		566 463	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 44 55 N
LONG 107 43 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE - STATION NO. 05GG009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	514.842	514.893E	514.763E	514.648E	514.638E	---	---	1
2	---	---	---	---	---	514.844E	514.888E	514.780	514.641E	514.637E	---	---	2
3	---	---	---	---	---	514.846E	514.880E	514.780E	514.635	514.638E	---	---	3
4	---	---	---	---	514.884	514.949	514.874E	514.780E	514.635E	514.635E	---	---	4
5	---	---	---	---	514.884E	514.963E	514.867E	514.780E	514.638E	514.634	---	---	5
6	---	---	---	---	514.885E	514.979E	514.861	514.780E	514.639E	514.633E	---	---	6
7	---	---	---	---	514.885E	514.958	514.858E	514.780	514.640	514.632E	---	---	7
8	---	---	---	---	514.886E	515.010	514.854E	514.754E	514.640E	514.630E	---	---	8
9	---	---	---	---	514.886E	514.985	514.850E	514.748E	514.640E	514.629E	---	---	9
10	---	---	---	---	514.887E	514.997E	514.847	514.742	514.640E	514.628E	---	---	10
11	---	---	---	---	514.887	514.991E	514.844E	514.740E	514.640E	514.627E	---	---	11
12	---	---	---	---	514.894E	514.985E	514.840E	514.738E	514.640E	514.625	---	---	12
13	---	---	---	---	514.902E	514.979	514.837	514.738E	514.640E	514.629E	---	---	13
14	---	---	---	---	514.909E	514.973E	514.834E	514.734E	514.640	514.633E	---	---	14
15	---	---	---	---	514.916E	514.968	514.832E	514.732E	514.637E	514.637E	---	---	15
16	---	---	---	---	514.923E	514.965E	514.829E	514.730E	514.635E	514.640E	---	---	16
17	---	---	---	---	514.931E	514.985E	514.826E	514.728	514.632E	514.644E	---	---	17
18	---	---	---	---	514.938	514.964E	514.824E	514.725E	514.630E	514.648E	---	---	18
19	---	---	---	---	514.944E	514.963E	514.821E	514.721E	514.627	514.652	514.682	---	19
20	---	---	---	---	514.950E	514.961	514.819	514.718E	514.635E	514.653E	---	---	20
21	---	---	---	---	514.956E	514.958E	514.813E	514.713	514.642	514.654E	---	---	21
22	---	---	---	---	514.962E	514.955	514.808E	514.706	514.642E	514.654E	---	---	22
23	---	---	---	---	514.939	514.949E	514.802E	514.704E	514.642E	514.655E	---	---	23
24	---	---	---	---	514.978	514.943E	514.797E	514.703	514.642E	514.656E	---	---	24
25	---	---	---	---	514.976	514.937E	514.791E	514.698E	514.641E	514.657E	---	---	25
26	---	---	---	---	514.940	514.931	514.788E	514.689E	514.641E	514.658	---	---	26
27	---	---	---	---	514.966E	514.923E	514.781	514.682E	514.641E	---	---	---	27
28	---	---	---	---	514.961E	514.914E	514.777E	514.675E	514.641	---	---	---	28
29	---	---	---	---	514.956E	514.905	514.774E	514.668E	514.640E	---	---	---	29
30	---		---	---	514.952E	514.899E	514.770E	514.661E	514.639E	---	---	---	30
31	---		---		514.947E		514.768	514.654		---		---	31
MEAN	---	---	---	---	---	514.956	514.827	514.723	514.639	---	---	---	MEAN
MAX	---	---	---	---	---	515.010	514.893	514.763	514.648	---	---	---	MAX
MIN	---	---	---	---	---	514.899	514.768	514.654	514.627	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 515.010 ON JUN 8
MINIMUM DAILY, 514.625 ON OCT 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 30 30 N
LONG 105 45 55 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL RIVER ABOVE OTTER RAPIDS - STATION NO. 06CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	147	138	124	122	148	209	244	225	193	169	167	168	1
2	147	138	124	121	149	214	241	224	192	169	167	168	2
3	145	139	125	121	150	217	239	224	190	169	167	168	3
4	144	137A	125	121	151	219	237	222	188	167	167	168	4
5	144	137E	124	122	151A	221	236	221	186	166	167	167	5
6	143	136E	124	123	151E	223	236	221	185	166	166	169	6
7	142	135A	124	123	153E	225	234	227	186	165	165	170	7
8	141	135A	125	123A	155E	224	236	227	185	165	165	169	8
9	139	134A	125	124A	157E	226	235	226	186	164	165	169	9
10	139	133A	124	125A	159E	229	234	226	186	164	164	168	10
11	138	132E	124	127A	161E	230	234	226	186	164	164	168	11
12	138	132E	124	129A	163E	230	233	223	186	163	165	168	12
13	137	131A	124	131	165E	230	233	222	184	163	165	168	13
14	137	131E	123	132	167E	231	234	222	183	163	165	167	14
15	139	131A	123	133	169E	232	236	218	182	163	165	168	15
16	139	130	122	133	171E	232	235	217	181	165	165	167	16
17	135	130	124	135	173E	235	234	216	180	167	165	168	17
18	136	129	125	136	175E	244	234	215	180	170	165	168	18
19	135	128	123	136	177E	246	231	213	179	172	167	169	19
20	135	128	123	137	180E	248	232	213	178	172	167	168	20
21	135	127	123	138	183E	251	236	214	177	173	165	169	21
22	136	127	123	139	186E	251	236	212	175	174	166	169	22
23	133	128	123	141	189E	251	237	211	173	174	165	169	23
24	139	126	122	141	192E	250	237	210	173	172	167	169	24
25	135	128	122	142	195E	252	237	208	173	171	168	169	25
26	135	126	122	142	198E	252	236	206	172	172	167	170	26
27	135	126	122	143	200E	250	235	203	171	171	167	171	27
28	136	125	122	144	203E	249	233	201	171	170	167	171	28
29	139	124	122	145	206A	248	232	200	170	169	168	168	29
30	138		122	146	208	246	229	198	169	169	168	170	30
31	138		122		207		227	195		168		171	31
TOTAL	4 306	3 786	3 824	3 975	5 390	7 085	7 283	6 686	5 420	5 209	4 985	5 230	TOTAL
MEAN	139	131	123	133	174	236	235	216	181	168	166	169	MEAN
MAX	147	139	125	146	207	252	244	227	193	174	168	171	MAX
MIN	135	124	122	121	142	209	227	195	169	163	164	167	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 173
MAXIMUM DAILY, 252 ON JUN 25
MINIMUM DAILY, 121 ON APR 2
MAXIMUM INSTANTANEOUS,
252 AT 06:26 CST ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 38 47 N
LONG 104 44 05 W
DRAINAGE AREA, 119 000 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	372 000	JUL	629 000
FEB	328 000	AUG	578 000
MAR	330 000	SEP	468 000
APR	343 000	OCT	450 000
MAY	486 000	NOV	431 000
JUN	610 000	DEC	452 000

TOTAL DISCHARGE, 5 460 000 dam³

CHURCHILL RIVER AT SANDY BAY - STATION NO. 06EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	734	754	720	728	615	709	775	677	578	505	644	710	1
2	734	754	719	729	806	708	788	650	574	508	640	710	2
3	733	753	720	730	802	712	748	593	573	503	634	706	3
4	*726*	*751*	*716*	*729*	*593*	*713*	*728*	*590*	*564*	*502*	631	706	4
5	725	750	714	728A	594	714	734	582	554	498	630	707	5
6	722	747	712	721	590	718	731	571	545A	498	628	700	6
7	720	738	711	726	584	720	727	571	544A	545	615	698	7
8	719	738	711	730	581	726	723	569	549	564	614	698	8
9	723	746	711	736	580	722	718	560	558	573	615	703	9
10	723	747	709	748	585	714	714	559	572	580	614	710	10
11	721	745	708	781	585	715	718	546	578A	591	620	718	11
12	719	745	708	795	582	716	684	540	559A	592	623	721	12
13	705	742	703	805	581	711	676	534	550A	595	628	717	13
14	703	741	701	821	557	713	683	528A	544	598	633	708	14
15	697	736	700	822	556	712	684	533	541	597	630	703	15
16	700	740	699	808	563	710	685	534	537	607	647	702	16
17	704	739	698	800	598	707	681	536	535	623	688	695	17
18	700	742	700	774	621	705	679	536	539	631	682	693	18
19	702	742	704	770	629	706	673	534	540	647	677	690	19
20	703	738A	707	754	638	704	670	540	537	674	674	683	20
21	704	732A	708	739	667	685	668	552	536	688	679	678	21
22	704	734	703	739	685	679	664	558	534	694	693	687	22
23	704	734	707	735	694	707	663	562	523	694	699	692	23
24	723	734	714	731	697	721	662	570	520	686	707	697	24
25	727	732	718	718A	703	720	661	583	524	685	715	705	25
26	738	729	728	693A	708	739	661	589	522	656	724	707A	26
27	747	726	732	672	710	777	688	590	514	653	726	704A	27
28	752	722	732	666	713	774	673	600	508	652	727	718A	28
29	756	720	732	657	712	773	666	596	509	649A	725	714	29
30	756		732	631	714	772	667	596	508	648	718	736	30
31	755		726		713		691	587		645		752	31
TOTAL	22 379	21 451	22 101	22 215	19 480	21 606	21 588	17 881	16 264	18 758	19 861	21 883	TOTAL
MEAN	722	740	713	741	628	720	696	570	542	605	662	705	MEAN
MAX	756	754	732	822	714	777	775	677	578	694	727	752	MAX
MIN	697	720	698	631	556	679	661	528	508	495	614	678	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 670
MAXIMUM DAILY, 822 ON APR 15
MINIMUM DAILY, 495 ON OCT 5
MAXIMUM INSTANTANEOUS,
828 AT 10:59 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 31 24 N
LONG 102 19 05 W
DRAINAGE AREA, 210 000 km²
A - MANUAL GAUGE

REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 930 000	JUL	1 880 000
FEB	1 850 000	AUG	1 530 000
MAR	1 910 000	SEP	1 410 000
APR	1 920 000	OCT	1 620 000
MAY	1 680 000	NOV	1 720 000
JUN	1 870 000	DEC	1 890 000

TOTAL DISCHARGE, 21 200 000 dam³

CHURCHILL RIVER NEAR PATUANAK - STATION NO. 06BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.8	57.4	54.3E	53.0	53.8	105	125	108	85.6	82.6	85.6	85.7	1
2	59.5	58.6	54.1E	53.8	51.4	115	122	108	89.7	82.9	81.2	85.0	2
3	61.0	58.8	54.0E	53.9	51.1	108	121	105	90.5	77.7	82.4	85.8	3
4	59.4	58.2	53.9E	53.5	54.1	105	117	106	84.7	71.7	82.7	85.3	4
5	60.2	56.4	53.8E	53.5	53.3	104	114	105	81.4	76.3	82.5	84.0	5
6	60.5	57.0	53.7E	54.0	85.0	102	108	104	85.4	77.7	82.0	84.5	6
7	60.0	56.4	53.6E	54.7	88.2	102	120	110	82.1	74.8	82.1	85.8	7
8	60.0	56.6	53.5E	55.1	85.8	103	122	110	84.3	76.3	83.1	85.1	8
9	59.9	57.9	53.4E	56.0	80.5	108	120	107	86.1	78.8	82.2	84.4	9
10	58.7	57.4	53.3E	55.5	85.7	115	117	105	87.7	78.5	82.1	86.1	10
11	58.1	56.3	53.2E	56.5	86.9	113	117	107	87.1	71.8	82.9	85.1	11
12	59.0	56.0	53.1E	56.5	88.3	110	114	102	85.1	75.2	82.3	83.5	12
13	59.7	57.0	53.0E	57.5	87.8	111	116	101	87.0	78.4	83.5	84.2	13
14	58.3	56.4	52.9E	57.0	81.8	114	118	108	87.8	81.9	84.8	82.9	14
15	59.9	56.9	52.8E	56.4	81.2	116	119	101	88.1	82.8	85.0	86.2	15
16	59.8	56.3	52.8E	57.4	89.5	114	121	102	88.0	83.3	84.9	85.0	16
17	59.2	56.8	52.9E	58.6	76.2	117	117	99.7	86.6	82.8	83.2	83.4	17
18	58.9	56.1	53.0E	60.0	78.2	118	119	97.6	86.2	85.6	83.4	83.3	18
19	57.9	56.6	53.1E	59.7	75.5	114	114	101	87.4	83.0	83.4	84.4	19
20	57.8	56.9	53.2E	59.9	72.1	117	113	101	84.0	84.9	84.8	82.9	20
21	57.5	56.9	53.3A	60.4	82.0	119	115	98.6	81.8	84.7	85.5	84.8	21
22	57.2	56.6	53.0	62.8	86.4	119	119	96.2	79.8	87.7	84.2	84.2	22
23	57.8	55.1	53.7	63.0	81.6	120	114	94.0	84.3	83.6	84.5	84.9	23
24	59.6	56.1	53.3	64.2	85.4	118	111	98.3	81.6	83.3	86.0	84.4	24
25	57.5	55.8A	53.6	65.2	88.1	121	112	96.6	82.1	75.0	85.1	83.4	25
26	58.8	55.3E	53.9	65.0	89.2	120	111	98.4	85.7	89.4	84.9	82.4	26
27	58.2	55.0E	53.8	64.7	81.0	118	107	92.5	84.8	81.1	84.2	83.4	27
28	58.7	54.7E	52.2	65.0	83.8	119	110	101	82.8	88.9	84.1	83.5	28
29	59.7	54.5E	52.7	65.2	83.4	121	110	109	81.8	88.9	84.9	82.4	29
30	58.3		52.3	64.7	83.9	126	106	105	79.2	84.0	85.8	82.1	30
31	58.2		53.1		100		107	81.5		82.3		81.8	31
TOTAL	1 829.2	1 639.0	1 652.7	1 782.5	2 321.2	3 414	3 576	3 187.4	2 544.4	2 520.4	2 513.3	2 808.9	TOTAL
MEAN	59.0	56.5	53.3	58.8	74.9	114	115	102	84.8	81.3	83.8	84.2	MEAN
MAX	61.0	58.9	54.3	65.2	100	126	125	110	90.5	91.1	86.0	86.2	MAX
MIN	57.2	54.5	52.2	53.0	80.5	102	106	91.5	79.2	71.7	81.2	81.8	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.7
MAXIMUM DAILY, 126 ON JUN 30
MINIMUM DAILY, 52.2 ON MAR 28
MAXIMUM INSTANTANEOUS,
147 AT 15:10 CST ON JUN 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 55 30 N
LONG 107 43 40 W
DRAINAGE AREA, 78 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	158 000	JUL	305 000
FEB	142 000	AUG	274 000
MAR	143 000	SEP	220 000
APR	152 000	OCT	218 000
MAY	201 000	NOV	217 000
JUN	295 000	DEC	225 000

TOTAL DISCHARGE, 2 550 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT

CLEARWATER RIVER AT OUTLET OF LLOYD LAKE - STATION NO 07CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.9A	16.0E	16.1	16.1	28.3	28.0	23.0E	21.0E	19.9	21.9	22.1	20.7	1
2	16.9E	16.0E	16.1	16.3	27.8	29.5	22.8E	21.0E	21.0	21.9	21.5	20.6	2
3	16.9E	16.0E	16.2	16.4	27.8	27.0	22.6E	20.9E	21.0	20.6	21.5	20.5	3
4	16.8E	15.9E	16.2	16.4	28.0	26.4	22.6E	20.8E	20.5	19.9A	21.4	20.6	4
5	*16.8E*	*15.9E*	*16.2*	*16.6*	*29.1*	*25.8*	*22.7E*	*20.8E*	*20.3*	*19.9E*	*21.1*	*20.2*	5
6	16.8E	15.9E	16.5	16.9	28.2	25.5	22.6E	20.7E	20.9	20.2E	21.1	20.3	6
7	16.8E	15.9E	16.4	17.2	28.6	25.3	22.6E	20.7E	19.9	20.5A	21.1	20.7	7
8	16.7E	15.8E	16.3	17.6	28.0	25.1	22.5E	20.6E	20.8	20.8	21.4	20.6	8
9	16.7E	15.8E	16.3	17.9	27.4	25.7	22.5E	20.6E	20.9	21.1	21.1	20.3	9
10	16.7E	15.8E	16.4	18.3	28.3	25.4	22.4E	20.5E	21.5	20.9	21.2	20.6	10
11	16.6E	15.7E	16.2	18.9	28.5	24.8	22.4E	20.5E	21.5	20.3	21.2	20.1A	11
12	16.8E	15.7E	16.3	20.0	29.0	24.7	22.3E	20.4E	21.5	21.5	21.2	20.0E	12
13	16.8E	15.7E	16.2	21.6	28.2	24.3	22.2E	20.4E	21.6	22.4	21.3	19.9E	13
14	16.8E	15.7E	16.2	22.6	26.5	25.4	22.2E	20.3E	21.5	23.6	21.5	19.8E	14
15	16.5E	15.6E	16.1	23.5	27.7	25.4	22.1E	20.2E	21.0	23.8	21.6	19.7E	15
16	16.5E	15.6E	16.1	24.5	27.9	24.3	22.0E	20.2E	21.8	23.8	21.4	19.6E	16
17	16.5E	15.6A	16.3	25.5	28.4	24.6	22.0E	20.1A	22.6	22.6	21.2	19.5E	17
18	16.4E	15.6	16.3	25.7	28.8	24.3	21.9E	20.0	21.6	22.7	21.1	19.4E	18
19	16.4E	15.8	16.4	25.7	28.1	23.5	21.8E	21.0	22.1	23.8	21.1	19.3E	19
20	16.4E	15.9	16.4	26.5	27.2	23.5	21.8E	21.0	21.5	24.3	21.3	19.2E	20
21	16.4E	15.9	16.2	27.4	29.3	24.2	21.7E	20.3	20.9	24.4	21.3	19.1E	21
22	16.3E	15.9	16.4	27.9	29.6	23.5	21.6E	20.3	21.3	25.3A	21.0	19.0E	22
23	16.3E	15.8	16.4	28.3	27.8	23.0	21.6E	20.6	21.3	24.3	21.1	19.0E	23
24	16.3E	15.9	16.4	28.5	28.1	23.0	21.5E	21.0	20.7	24.1	21.2	18.9E	24
25	16.2E	16.0	16.4	28.4	27.7	23.6	21.5E	20.8	21.2	24.1	20.9	18.8E	25
26	16.2E	15.9	16.3	28.6	27.4	23.3A	21.4E	21.4	22.3	26.0	20.7	18.7E	26
27	16.2E	16.0	16.2	28.5	27.2	23.2E	21.4E	20.8	21.5	25.0	20.5	18.6E	27
28	16.1E	15.9	16.1	28.3	27.1	23.2E	21.3E	22.4	21.0	23.9	20.6	18.5E	28
29	16.1E	16.0	16.1	28.3	26.8	23.1E	21.2E	24.9	21.1	23.5	20.7	18.4E	29
30	16.1E		16.1	28.5	25.6	23.0E	21.2E	22.4	20.5	22.8	20.7	18.3E	30
31	16.1E		16.1		26.6		21.1E	20.4		22.4		18.2E	31
TOTAL	511.4	459.2	503.9	686.9	864.1	742.6	683.0	647.0	635.0	702.3	635.1	607.1	TOTAL
MEAN	16.5	15.8	16.3	22.9	27.9	24.8	22.0	20.9	21.2	22.7	21.2	19.6	MEAN
MAX	16.9	16.0	16.5	28.6	29.6	29.5	23.0	24.9	22.6	26.0	22.1	20.7	MAX
MIN	16.1	15.6	16.1	16.1	25.6	23.0	21.1	20.0	19.9	19.9	20.5	18.2	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.0
MAXIMUM DAILY, 29.6 ON MAY 22
MINIMUM DAILY, 15.6E ON FEB 15
MAXIMUM INSTANTANEOUS,
33.1 AT 18 51 CST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 19 50 N
LONG 108 45 50 W
DRAINAGE AREA, 4 250 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 200	JUL	59 000
FEB	39 700	AUG	55 900
MAR	43 500	SEP	54 900
APR	59 300	OCT	60 700
MAY	74 700	NOV	54 900
JUN	64 200	DEC	52 500

TOTAL DISCHARGE, 664 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT

CODETTE RESERVOIR ABOVE THE SPILLWAY - STATION NO 05KD005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	314.267	324.057	324.891A	1
2	---	---	---	---	---	---	---	---	---	314.684	323.878	324.881A	2
3	---	---	---	---	---	---	---	---	---	316.840	323.702	324.865A	3
4	---	---	---	---	---	---	---	---	---	323.700A	323.851	324.797E	4
5	---	---	---	---	---	---	---	---	314.085A	325.080	323.721A	324.786E	5
6	---	---	---	---	---	---	---	---	314.052	325.050	323.871A	324.871A	6
7	---	---	---	---	---	---	---	---	314.046	324.992	323.975	325.009	7
8	---	---	---	---	---	---	---	---	314.063	325.012	324.600	325.062	8
9	---	---	---	---	---	---	---	---	314.050	325.030	325.236	325.056	9
10	---	---	---	---	---	---	---	---	314.112	324.986	325.031A	324.999	10
11	---	---	---	---	---	---	---	---	314.153	324.955A	325.042A	324.918	11
12	---	---	---	---	---	---	---	---	314.184	325.059A	325.179A	324.814	12
13	---	---	---	---	---	---	---	---	314.148	324.988A	325.126A	324.833	13
14	---	---	---	---	---	---	---	---	314.117	324.889	325.110A	324.912	14
15	---	---	---	---	---	---	---	---	314.106	324.671	324.891	324.912	15
16	---	---	---	---	---	---	---	---	314.119	324.640	324.683	324.885	16
17	---	---	---	---	---	---	---	---	314.170	324.502	324.716A	324.833	17
18	---	---	---	---	---	---	---	---	314.158	324.400	324.634	324.808	18
19	---	---	---	---	---	---	---	---	314.127	324.443	324.841	324.942	19
20	---	---	---	---	---	---	---	---	314.124	324.437	324.773	324.983A	20
21	---	---	---	---	---	---	---	---	314.170	324.125	324.813	325.000A	21
22	---	---	---	---	---	---	---	---	314.186	324.122	324.886	324.941	22
23	---	---	---	---	---	---	---	---	314.121	324.036	324.994	324.985	23
24	---	---	---	---	---	---	---	---	314.119	324.500E	325.091	325.024	24
25	---	---	---	---	---	---	---	---	314.225	324.650E	325.114	324.959	25
26	---	---	---	---	---	---	---	---	314.522	324.620E	325.057	324.879	26
27	---	---	---	---	---	---	---	---	314.492	324.600E	324.817	324.841	27
28	---	---	---	---	---	---	---	---	314.366	324.575E	324.851	324.825	28
29	---	---	---	---	---	---	---	---	314.327	324.545A	324.845	324.844A	29
30	---		---	---	---	---	---	---	314.301	324.320	324.900A	324.850E	30
31	---		---		---		---	---		324.175		324.880E	31
MEAN	---	---	---	---	---	---	---	---	---	323.705	324.880	324.905	MEAN
MAX	---	---	---	---	---	---	---	---	---	325.080	325.236	325.082	MAX
MIN	---	---	---	---	---	---	---	---	---	314.267	323.851	324.786	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 325.236 ON NOV 9

MAXIMUM INSTANTANEOUS,
325.459 AT 11 00 CST ON NOV 9

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 18 56 N
LONG 104 02 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

CONJURING CREEK NEAR PREECEVILLE - STATION NO 05MC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 005B	1 88 B	0 221	0 130	0 043	0 013	0 005	0 005	0 0068	---	1
2	---	---	0 005B	2 28 B	0 189	0 122	0 025	0 010	0 007	0 005	0 0078	---	2
3	---	---	0 005B	2 24 B	0 147	0 113	0 023	0 009	0 007	0 005	0 0098	---	3
4	---	---	0 005B	2 13 B	0 135	0 110	0 139	0 012	0 003	0 006	0 0108	---	4
5	---	---	0 005B	1 78	0 126	0 116	0 161	0 009	0 003	0 006	0 0118	---	5
6	---	---	0 004B	1 59	0 123	0 120	0 138	0 010	0 005	0 004	0 0138	---	6
7	---	---	0 004B	1 54	0 150	0 252	0 086	0 058	0 010	0 006	---	---	7
8	---	---	0 004B	1 38	0 182	0 283	0 036	1 29	0 010	0 007	---	---	8
9	---	---	0 004B	1 20	0 182	0 343	0 033	0 554	0 010	0 008	---	---	9
10	---	---	0 004B	1 24	0 184	0 358	0 034	0 209	0 007	0 006	---	---	10
11	---	---	0 004B	0 948	0 203	0 379	0 023	0 098	0 006	0 006	---	---	11
12	---	---	0 004B	0 848	0 201	0 304	0 018	0 031	0 013	0 007	---	---	12
13	---	---	0 004B	0 777	0 201	0 210	0 018	0 012	0 010	0 007	---	---	13
14	---	---	0 004B	0 713	0 240	0 204	0 017	0 008	0 007	0 008	---	---	14
15	---	---	0 004B	0 530	0 155	0 150	0 018	0 010	0 008	0 006	---	---	15
16	---	---	0 004B	0 498	0 138	0 120	0 015	0 010	0 006	0 011	---	---	16
17	---	---	0 005B	0 440	0 214	0 206	0 018	0 005	0 007	0 008	---	---	17
18	---	---	0 005B	0 326	0 201	0 249	0 015	0 009	0 009	0 004	---	---	18
19	---	---	0 005B	0 187	0 180	0 158	0 015	0 010	0 008	0 001	---	---	19
20	---	---	0 005B	0 153	0 320	0 469	0 017	0 007	0 011	0 003	---	---	20
21	---	---	0 005B	0 122	0 379	0 122	0 017	0 008	0 017	0 003	---	---	21
22	---	---	0 005B	0 128	0 273	0 089	0 018	0 004	0 016	0 004	---	---	22
23	---	---	0 012B	0 134	0 221	0 102	0 015	0 005	0 008	0 003	---	---	23
24	---	---	0 060B	0 158	0 257	0 088	0 013	0 007	0 010	0 004	---	---	24
25	---	---	0 169B	0 187	0 229	0 434	0 014	0 005	0 009	0 005B	---	---	25
26	---	---	0 685B	0 198	0 224	0 158	0 011	0 005	0 009	0 005B	---	---	26
27	---	---	0 727B	0 263	0 200	0 165	0 011	0 005	0 007	0 006B	---	---	27
28	---	---	0 558B	0 220	0 169	0 302	0 010	0 006	0 008	0 006B	---	---	28
29	---	0 005B	0 999B	0 256	0 164	0 125	0 011	0 003	0 003	0 006B	---	---	29
30	---		1 27 B	0 281	0 151	0 054	0 015	0 006	0 002	0 043B	---	---	30
31	---		1 58 B		0 137		0 014	0 006		0 006B		---	31
TOTAL	---	---	6 139	24 687	6 038	6 045	1 039	2 437	0 240	0 209	---	---	TOTAL
MEAN	---	---	0 198	0 823	0 195	0 202	0 034	0 079	0 008	0 007	---	---	MEAN
MAX	---	---	1 58	2 28	0 379	0 469	0 161	1 29	0 017	0 043	---	---	MAX
MIN	---	---	0 004	0 122	0 123	0 054	0 010	0 003	0 002	0 001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 191
MAXIMUM DAILY, 2 28B ON APR 2
MINIMUM DAILY, 0 001 ON OCT 19
MAXIMUM INSTANTANEOUS,
2 72B AT 14 33 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 56 30 N
LONG 102 43 00 W
DRAINAGE AREA, 255 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	89 8
FEB	---	AUG	211
MAR	530	SEP	20 7
APR	2 130	OCT	18 1
MAY	522	NOV	---
JUN	522	DEC	---

TOTAL DISCHARGE, 4 040 dam³

CONNELL CREEK NEAR CONNELL CREEK - STATION NO 05KC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 226B	0 362B	1 48	2 19	1 61	0 101	0 106	0 390	---	---	1
2	---	---	0 229B	0 392B	1 23	1 88	1 31	0 143	0 095	0 364	---	---	2
3	---	---	0 233B	1 99 B	0 966	1 80	1 08	0 182	0 111	0 393	---	---	3
4	---	---	0 237B	4 17 B	0 848	1 57	1 02	0 141	0 125	0 405	---	---	4
5	---	---	0 246B	5 94 B	0 722	1 37	0 880	0 150	0 131	0 380	---	---	5
6	---	---	0 270B	6 27 B	0 695	1 14	0 721	0 164	0 128	0 385	---	---	6
7	---	---	0 278B	6 15 B	0 650	1 47	0 593A	0 171	0 144	0 381	---	---	7
8	---	---	0 275B	5 07	0 608	9 54	0 498E	0 165	0 258	0 380	---	---	8
9	---	---	0 280B	4 88	0 577	9 14	0 405E	0 192	0 336	0 374	---	---	9
10	---	---	0 284B	5 15	0 617	6 39	0 330A	0 185	0 288	0 366	---	---	10
11	---	---	0 283B	5 04	1 05	4 24	0 287	0 200	0 203	0 357	---	---	11
12	---	---	0 283B	6 62	1 40	3 02	0 279	0 218	0 171	0 350	---	---	12
13	---	---	0 280B	6 03	1 38	2 29	0 275	0 214	0 175	0 338	---	---	13
14	---	---	0 273B	5 03	1 33	1 97	0 312	0 189	0 325	0 329	---	---	14
15	---	---	0 272B	4 28	1 19	1 90	0 387	0 170	0 266	0 322	---	---	15
16	---	---	0 268B	3 78	1 08	2 15	0 416	0 180	0 206	0 375	---	---	16
17	---	---	0 268B	3 39	1 24	1 89	0 339	0 194	0 185	0 779	---	---	17
18	---	---	0 268B	2 91	8 24	1 63	0 281	0 229	0 143	0 837A	---	---	18
19	---	---	0 262B	5 26	19 8	1 34	0 247	0 251	0 125	0 756E	---	---	19
20	---	---	0 247B	3 98	21 4	1 21	0 231	0 251	0 108	0 688E	---	---	20
21	---	---	0 247B	2 42	12 5	15 1	0 209	0 211	0 108	0 627E	---	---	21
22	---	---	0 270B	1 84	10 3	11 0	0 196	0 250	0 175	0 589E	---	---	22
23	---	---	0 297B	1 43	8 56	10 7	0 205	0 293	0 500	0 600A	---	---	23
24	---	---	0 311B	1 22	7 37	7 35	0 189	0 263	0 464	0 564B	---	---	24
25	---	---	0 323B	3 21	7 15	5 20	0 182	0 220	0 405	0 451B	---	---	25
26	---	---	0 313B	3 68	6 17	4 05	0 173	0 186	0 372	0 605B	---	---	26
27	---	0 223B	0 310B	3 42	5 12	3 88	0 169	0 155	0 352	0 623B	---	---	27
28	---	0 233B	0 311B	2 57	4 15	3 35	0 137	0 174	0 353	0 487B	---	---	28
29	---	0 229B	0 310B	1 98	3 47	2 94	0 115	0 145	0 400	0 494B	---	---	29
30	---		0 329B	1 73	2 94	2 13	0 114	0 115	0 403	0 467B	---	---	30
31	---		0 348B		2 54		0 095	0 112		0 490B		---	31
TOTAL	---	---	8 832	111 224	136 773	123 61	13 285	5 794	7 121	14 957	---	---	TOTAL
MEAN	---	---	0 278	3 71	4 41	4 12	0 429	0 187	0 237	0 483	---	---	MEAN
MAX	---	---	0 348	6 62	21 4	15 1	1 61	0 293	0 500	0 837	---	---	MAX
MIN	---	---	0 226	0 362	0 577	1 14	0 095	0 101	0 095	0 322	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 72
MAXIMUM DAILY, 21 4 ON MAY 20
MINIMUM DAILY, 0 095 ON JUL 31
MAXIMUM INSTANTANEOUS,
26 2 AT 00 30 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 03 N
LONG 103 25 49 W
DRAINAGE AREA, 354 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 150
FEB	---	AUG	501
MAR	748	SEP	515
APR	5 610	OCT	1 290
MAY	11 800	NOV	---
JUN	10 700	DEC	---

TOTAL DISCHARGE, 35 400 dam³

COOKSON RESERVOIR NEAR CORONACH - STATION NO 11AE013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	752.320	752.335	752.501	752.803	752.727	752.639	752.718	752.502E	752.243	752.153	752.067	752.125	1
2	752.320	752.336	752.504	752.813	752.723	752.636	752.714	752.494E	752.240	752.150	752.076	752.122	2
3	752.320	752.334	752.503	752.815	752.735	752.636	752.708	752.486E	752.236	752.150	752.086	752.123	3
4	752.323	752.334	752.500	752.815	752.730	752.635	752.699	752.478E	752.232	752.154	752.100	752.121	4
5	752.323	752.333	752.502	752.826	752.736	752.628	752.695	752.470E	752.227	752.153	752.106	752.122	5
6	752.323	752.341	752.502	752.826	752.735	752.643	752.685	752.463E	752.221	752.151	752.111	752.130	6
7	752.321	752.342	752.493	752.826	752.735	752.648	752.681	752.455A	752.208	752.150	752.114	752.138	7
8	752.320	752.345	752.491	752.827	752.742	752.647	752.674	752.441	752.207	752.150	752.117	752.138	8
9	752.322	752.348	752.493	752.824	752.741	752.645	752.669	752.434	752.202	752.149	752.117	752.137	9
10	752.322	752.351	752.494	752.826	752.736	752.643	752.663	752.431	752.200	752.145	752.113	752.139	10
11	752.328	752.356	752.488	752.827	752.733	752.641	752.660	752.424	752.197	752.148	752.118	752.132	11
12	752.332	752.358	752.495	752.826	752.731	752.647	752.656	752.428	752.196	752.148	752.121	752.133	12
13	752.335	752.362	752.498	752.827	752.729	752.648	752.650	752.423	752.192	752.138	752.118	752.139	13
14	752.335	752.370	752.494	752.830	752.721	752.652	752.641A	752.417	752.190	752.133	752.108	752.134	14
15	752.333	752.380	752.489	752.830	752.716	752.673	752.633E	752.405	752.192	752.127	752.108	752.139	15
16	752.331	752.383	752.484	752.828	752.715	752.675	752.626E	752.403	752.194	752.114	752.112	752.131	16
17	752.325	752.385	752.492	752.822	752.704	752.689	752.618E	752.395	752.194	752.108	752.112	752.135	17
18	752.324	752.393	752.497	752.809	752.699	752.682	752.610E	752.389	752.194	752.102	752.112	752.134	18
19	752.319	752.395	752.508	752.803	752.700	752.682	752.602E	752.383	752.184	752.098	752.110	752.139	19
20	752.319	752.399	752.532	752.796	752.694	752.665	752.594E	752.388	752.172	752.099	752.116	752.142	20
21	752.325	752.408	752.578	752.791	752.687	752.704	752.587E	752.353	752.165	752.094	752.122	752.134	21
22	752.328	752.419	752.631	752.785	752.678	752.713	752.579E	752.344	752.160	752.091	752.121	752.136	22
23	752.330	752.432	752.674	752.780	752.675	752.724	752.571E	752.340	752.153	752.089	752.123	752.133	23
24	752.330	752.445	752.708	752.770	752.686	752.739	752.564E	752.338	752.154	752.085	752.122	752.133	24
25	752.327	752.459	752.745	752.763	752.693	752.750	752.552E	752.333	752.157	752.082	752.120	752.136	25
26	752.325	752.474	752.777	752.758	752.682	752.755	752.548E	752.323	752.156	752.088	752.121	752.135	26
27	752.328	752.485	752.781	752.749	752.660	752.752	752.540E	753.310	752.151	752.088	752.121	752.141	27
28	752.329	752.488	752.785	752.732	752.659	752.750	752.532E	752.293	752.153	752.084	752.124	752.145	28
29	752.331	752.503	752.789	752.732	752.660	752.743	752.525E	753.276	752.154	752.079	752.123	752.145	29
30	752.330		752.785	752.727	752.664	752.726	752.517E	752.262	752.153	752.077	752.123	752.147	30
31	752.334		752.788		752.655		752.509E	752.251		752.072		752.149	31
MEAN	752.326	752.389	752.581	752.800	752.703	752.678	752.620	752.391	752.189	752.118	752.112	752.135	MEAN
MAX	752.335	752.503	752.788	752.830	752.742	752.756	752.718	752.502	752.243	752.154	752.124	752.149	MAX
MIN	752.319	752.333	752.484	752.727	752.655	752.628	752.509	752.251	752.151	752.072	752.067	752.121	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 752.420
MAXIMUM DAILY, 752.830 ON APR 14
MINIMUM DAILY, 752.067 ON NOV 1
MAXIMUM INSTANTANEOUS,
752.836 AT 14:58 CST ON APR 15

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 03 25 N
LONG 105 28 23 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1975

DRAINAGE AREA,
1 370 km²

COTTONWOOD CREEK NEAR LUMSDEN - STATION NO 05JF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 B	0.5298	0.001	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.5468	0.002	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.4408	0.001	0	0	0	0	0	---	---	3
4	---	0 B	0 B	0.3548	0.001	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0.2888	0.001	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0.1408	0.001	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0.181	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0.096	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0.039	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0.019	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0.021	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0.016	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0.011	0	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0.011	0.001	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0.008	0.001	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0.004	0.001	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0.008	0.001	0	0	0	0	0	---	---	17
18	---	0 B	0 B	0.007	0	0	0	0	0	0	---	---	18
19	---	0 B	0 B	0.004	0	0	0	0	0	0	---	---	19
20	---	0 B	0.030B	0.006	0	0	0	0	0	0	---	---	20
21	---	0.005B	0.030B	0.004	0	0	0	0	0	0	---	---	21
22	---	0.028B	0.150B	0.002	0	0	0	0	0	0	---	---	22
23	---	0.030B	0.400B	0.001	0	0	0	0	0	0	---	---	23
24	---	0.020B	1.00 B	0.001	0	0	0	0	0	0	---	---	24
25	---	0.010B	1.83 B	0.001	0	0	0	0	0	0	---	---	25
26	---	0.005B	3.05 B	0.001	0	0	0	0	0	0	---	---	26
27	---	0.002B	2.57 B	0.001	0	0	0	0	0	0	---	---	27
28	---	0.001B	1.44 B	0.001	0	0	0	0	0	0	---	---	28
29	---	0 B	0.974B	0.001	0	0	0	0	0	0	---	---	29
30	---		0.776B	0.001	0	0	0	0		0	---	---	30
31	---		0.642B		0		0	0		0		---	31
TOTAL	---	0.101	12.952	2.740	0.011	0	0	0	0	0	---	---	TOTAL
MEAN	---	0.003	0.418	0.091	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.030	3.05	0.546	0.002	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.054
MAXIMUM DAILY, 3.05B ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.69B AT 18:49 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 26 N
LONG 104 54 31 W
DRAINAGE AREA, 813 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	8.73	AUG	0
MAR	1 120	SEP	0
APR	237	OCT	0
MAY	0.95	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 360 dam³

COWAN LAKE NEAR HONEYMOON POINT - STATION NO 05AE002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	476.130	476.191	476.208	476.093E	476.115E	---	---	1
2	---	---	---	---	---	476.138	476.187	476.202	476.106	476.120	---	---	2
3	---	---	---	---	---	476.114	476.205	476.196	476.112	476.114	---	---	3
4	---	---	---	---	---	476.110	476.197	476.188	476.108E	476.115E	---	---	4
5	---	---	---	---	---	476.104	476.193E	476.194	476.089	476.116	---	---	5
6	---	---	---	---	---	476.105	476.189E	476.190	476.087	476.120	---	---	6
7	---	---	---	---	---	476.145	476.185	476.208	476.109	476.118E	---	---	7
8	---	---	---	---	---	476.200	476.193	476.206	476.123	476.116E	---	---	8
9	---	---	---	---	---	476.220	476.199	476.196	476.118	476.114E	---	---	9
10	---	---	---	---	---	476.244	476.199	476.194	476.117	476.112E	---	---	10
11	---	---	---	---	---	476.286	476.201	476.194	476.119	476.110E	---	---	11
12	---	---	---	---	---	476.292	476.191	476.188	476.127	476.108	---	---	12
13	---	---	---	---	---	476.306	476.191	476.188	476.123	476.114	---	---	13
14	---	---	---	---	---	476.326E	476.225	476.176	476.119	476.110	---	---	14
15	---	---	---	---	---	476.345	476.229	476.174	476.127	476.110	---	---	15
16	---	---	---	---	---	476.383	476.231	476.186	476.117	476.115E	---	---	16
17	---	---	---	---	---	476.381E	476.229	476.158	476.111	476.120	---	---	17
18	---	---	---	---	---	476.385	476.229	476.184	476.115	476.121	---	---	18
19	---	---	---	---	---	476.389	476.229	476.186	476.127	476.151	---	---	19
20	---	---	---	---	---	476.405	476.229	476.188	476.111	476.183	476.242	---	20
21	---	---	---	---	---	476.403	476.229	476.186	476.113	476.159	---	---	21
22	---	---	---	---	---	476.387	476.229	476.138	476.131	476.159	---	---	22
23	---	---	---	---	476.406	476.369	476.227	476.132	476.129	476.159	---	---	23
24	---	---	---	---	476.392	476.345	476.219	476.136	476.125	476.159	---	---	24
25	---	---	---	---	476.330	476.333	476.215E	476.139	476.127	476.161	---	---	25
26	---	---	---	---	476.300	476.299	476.211	476.132	476.130	476.183	---	---	26
27	---	---	---	---	476.290	476.255	476.219	476.128	476.128	---	---	---	27
28	---	---	---	---	476.280	476.231	476.219	476.132	476.118	---	---	---	28
29	---	---	---	---	476.232	476.203	476.219	476.115E	476.120	---	---	---	29
30	---	---	---	---	476.200	476.197E	476.217	476.098	476.110	---	---	---	30
31	---	---	---	---	476.174		476.211	476.078		---	---	---	31
MEAN	---	---	---	---	---	476.267	476.211	476.183	476.117	---	---	---	MEAN
MAX	---	---	---	---	---	476.405	476.231	476.208	476.131	---	---	---	MAX
MIN	---	---	---	---	---	476.104	476.185	476.078	476.093	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MINIMUM DAILY, 476.078 ON AUG 31

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 57 52 N
LONG 107 12 24 W

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CREE LAKE AT CABLE BAY - STATION NO 07LD001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	486.702	487.759	486.813	486.835	486.829	486.904	486.795	486.778	486.716	486.608	486.583	486.650	1
2	486.708	486.758	486.815	486.834	486.828	486.880	486.804	486.778	486.715	486.612	486.601	486.649	2
3	486.704	486.757	486.813	486.835	486.828	486.893	486.808	486.776	486.718	486.627	486.594	486.650	3
4	486.711	486.759	486.815	486.833	486.823	486.901	486.820	486.777	486.709	486.629	486.592	486.651	4
5	486.718	486.760	486.825	486.833	486.819	486.906	486.828	486.776	486.733	486.595	486.596	486.654	5
6	486.716	486.784	486.820	486.834	486.815	486.908	486.824	486.781	486.742	486.606	486.606	486.652	6
7	486.714	486.785	486.822	486.836	486.813	486.910	486.791	486.759	486.803	486.602	486.611	486.653	7
8	486.714	486.788	486.816	486.834	486.815	486.903	486.785	486.773	486.719	486.600	486.603	486.654	8
9	486.715	486.786	486.817	486.835	486.818	486.883	486.787	486.771	486.682	486.606	486.607	486.654	9
10	486.720	486.776	486.814	486.838	486.818	486.876	486.811	486.777	486.682	486.625	486.607	486.656	10
11	486.722	486.773	486.818	486.840	486.817	486.888	486.807	486.771	486.686	486.626	486.605	486.657	11
12	486.726	486.780	486.823	486.842	486.815	486.886	486.813	486.773	486.682	486.623	486.612	486.663	12
13	486.722	486.778	486.824	486.838	486.818	486.881	486.812	486.783	486.672	486.608	486.617	486.663	13
14	486.718	486.778	486.824	486.840	486.822	486.873	486.805	486.780	486.689	486.599	486.623	486.666	14
15	486.718	486.783	486.827	486.840	486.822	486.871	486.798	486.777	486.685	486.598	486.621	486.668	15
16	486.719	486.784	486.828	486.841	486.810A	486.876	486.799	486.788	486.695	486.626	486.621	486.669	16
17	486.721	486.783	486.826	486.833	486.805E	486.869	486.791	486.771	486.847	486.709	486.628	486.660	17
18	486.721	486.785	486.828	486.834	486.814E	486.858	486.786	486.779	486.854	486.712	486.635	486.665	18
19	486.724	486.787	486.824	486.839	486.822E	486.876	486.791	486.771	486.854	486.650	486.633	486.664	19
20	486.725	486.789	486.826	486.834	486.828E	486.881	486.795	486.773	486.861	486.633	486.632	486.669	20
21	486.727	486.795	486.827	486.831	486.839E	486.861	486.778	486.784	486.695	486.630	486.633	486.665	21
22	486.737	486.796	486.832	486.828	486.847A	486.885	486.770	486.759	486.886	486.614	486.639	486.664	22
23	486.736	486.802	486.834	486.829	486.848	486.880	486.784	486.783	486.861	486.636	486.640	486.661	23
24	486.731	486.804	486.837	486.834	486.842	486.857	486.787	486.751	486.842	486.626	486.639	486.663	24
25	486.743	486.801	486.837	486.831	486.839	486.847	486.803	486.748	486.840	486.636	486.640	486.668	25
26	486.739	486.799	486.837	486.830	486.838	486.851	486.801	486.734	486.819	486.588	486.640	486.674	26
27	486.748	486.808	486.836	486.830	486.835	486.846	486.791	486.744	486.809	486.589	486.641	486.673	27
28	486.747	486.814	486.840	486.825	486.831	486.839	486.792	486.708	486.815	486.573	486.648	486.669	28
29	486.747	486.816	486.836	486.825	486.833	486.850	486.787	486.695	486.812	486.587	486.648	486.669	29
30	486.763		486.835	486.823	486.835	486.790	486.791	486.711	486.820	486.582	486.649	486.673	30
31	486.755		486.834		486.900		486.782	486.711		486.589		486.677	31
MEAN	486.720	486.782	486.826	486.834	486.838	486.874	486.798	486.762	486.675	486.619	486.621	486.662	MEAN
MAX	486.755	486.816	486.840	486.842	486.900	486.910	486.836	486.793	486.803	486.712	486.648	486.677	MAX
MIN	486.702	486.757	486.813	486.823	486.805	486.790	486.770	486.695	486.809	486.567	486.583	486.645	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 486.750
MAXIMUM DAILY, 486.910 ON JUN 7
MINIMUM DAILY, 486.567 ON OCT 29
MAXIMUM INSTANTANEOUS,
486.930 AT 20:14 CST ON JUN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 21 00 N
LONG 107 08 00 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CREE RIVER AT OUTLET OF WAPATA LAKE - STATION NO 07LD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	83 4	79 2	86 3	87 0E	156E	143	133	127	122	117	94 5	101	1
2	83 7	78 4	86 7	88 0E	157E	143	133	126	122	116	93 9	101	2
3	83 9	78 3	87 1	89 0E	156E	146	133	124	121	117	93 7	101	3
4	83 9	78 3	86 8	91 0E	155E	149	134	124	121	118	94 2	100	4
5	83 3	79 5	86 4	93 0E	153E	151	135	123	122	117	94 9	99 6	5
6	83 3	79 4	86 8	95 0E	152E	155	134	122	124	117	95 6	99 5	6
7	83 3	79 6	86 5	98 0E	150E	156	133	120	123	118	95 6	98 3	7
8	83 1	79 8	86 5	102 E	149E	155	131	119	123	118	95 6	98 2	8
9	82 8	80 1	86 7	106 E	148E	156	130	118	122	118	95 6	98 7	9
10	82 8	80 6	86 8	111 E	147E	155	131	118	122	117	95 6	97 9	10
11	82 4	80 9	87 1	117 E	146E	153	132	118	120	117	95 9	97 1	11
12	82 2	81 1	87 0	123 E	145E	153	132	118	120	117	96 3	96 8	12
13	82 5	81 2	86 9	129 E	144E	152	131	118	120	117	97 0	96 4	13
14	82 7	81 5	86 3	135 E	143E	151	130	120	120	117	96 2	95 8	14
15	82 7	81 3	85 9	141 E	142E	150	130	122	121	116	95 1	96 3	15
16	82 5	81 9	85 7	148 E	141E	149	130	122	120	116	96 7	95 6	16
17	82 6	82 0	85 3	155 E	140E	148	130	122	120	116	96 1	95 0	17
18	82 5	82 4	85 2	162 E	140E	147	129	122	123	117	96 1	94 5	18
19	82 3	82 5	85 0	168 E	139E	145	130	123	123	116	97 9	94 0	19
20	82 0	83 0	84 5	169 E	138E	143	130	124	124	116	97 8	93 4	20
21	82 0	83 5	83 7	170 E	140E	140	129	124	122	117	96 5	92 7	21
22	81 7	83 2	83 0	170 E	141A	138	130	123	121	117	96 5	91 8	22
23	81 7	83 8	82 9	169 E	142	138	130	123	120	117	101	90 6	23
24	81 4	84 4	83 1	168 E	142	138	131	122	120	116	101	89 6	24
25	81 0	84 3	83 3	167 E	143	138	131	122	119	114	102	88 7	25
26	80 5	84 5	83 1	166 E	143	138	131	121	117	108	102	87 6	26
27	80 4	84 7	83 0	165 E	143	138	131	121	117	105	102	86 4	27
28	80 2	85 5	83 1	164 E	143	137	130	120	117	104	101	85 7	28
29	80 0	86 1	84 1	163 E	143	136	130	118	117	103	101	84 4	29
30	79 9		84 4	160 E	143	135	129	118	117	100	101	83 4	30
31	79 5		85 9		144		128	121		98 5		82 2	31
TOTAL	2 546 2	2 373 9	2 645 9	4 066 0	4 511	4 377	4 061	3 765	3 630	3 541 5	2 936 4	2 916 6	TOTAL
MEAN	82 1	81 9	85 3	136	146	146	131	121	121	114	97 8	94 1	MEAN
MAX	83 9	86 1	87 1	170	156	156	135	127	124	118	102	101	MAX
MIN	79 5	79 2	82 9	87 0	139	135	128	118	117	98 5	93 7	82 2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 170E ON APR 21
MINIMUM DAILY, 79 2 ON FEB 1

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 51 30 N
LONG 105 49 10 W
DRAINAGE AREA 20 700 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	220 000	JUL	351 000
FEB	205 000	AUG	325 000
MAR	229 000	SEP	313 000
APR	351 000	OCT	306 000
MAY	380 000	NOV	254 000
JUN	378 000	DEC	252 000

TOTAL DISCHARGE 3 570 000 dam³

CREIGHTON TRIBUTARY NEAR TOTNES - STATION NO 05HF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0068	0 001	0	0	0	0	0 001	0 B	---	1
2	---	---	0 B	0 0068	0 001	0	0	0	0	0 001	0 B	---	2
3	---	---	0 B	0 0068	0 001	0	0	0	0	0 001	0 B	---	3
4	---	---	0 B	0 0068	0 001	0	0	0	0	0 001	0 B	---	4
5	---	---	0 B	0 0058	0 001	0 001	0	0	0	0 001	0 0018	---	5
6	---	---	0 B	0 0068	0 001	0 004	0	0	0	0 001	0 B	---	6
7	---	---	0 B	0 0068	0 001	0 002	0	0	0	0 001	---	---	7
8	---	---	0 B	0 0058	0 001	0 002	0	0	0	0 001	---	---	8
9	---	---	0 B	0 0068	0 001	0 001	0	0	0	0 001	---	---	9
10	---	---	0 B	0 0058	0 001	0 001	0	0	0	0 001	---	---	10
11	---	---	0 B	0 0048	0 001	0 001	0	0	0	0 002	---	---	11
12	---	---	0 B	0 0048	0 001	0 001	0	0	0	0 002	---	---	12
13	---	---	0 B	0 0038	0 001	0 001	0	0	0	0 002	---	---	13
14	---	---	0 B	0 0028	0 001	0 001	0	0	0	0 001	---	---	14
15	---	---	0 B	0 0028	0 001	0 107	0	0	0	0 001	---	---	15
16	---	---	0 B	0 0028	0 004	0 240	0	0	0	0 0038	---	---	16
17	---	---	0 B	0 0028	0 001	0 009	0	0	0	0 0038	---	---	17
18	---	---	0 B	0 0018	0 001	0 003	0	0	0	0 0038	---	---	18
19	---	---	0 0078	0 0018	0 001	0 001	0	0	0	0 0038	---	---	19
20	---	---	0 0108	0 0018	0 001	0 003	0	0	0	0 0038	---	---	20
21	---	---	0 0148	0 0018	0	0 003	0	0	0 002	0 0038	---	---	21
22	---	---	0 0038	0 0018	0 001	0 325	0	0	0 003	0 0038	---	---	22
23	---	---	0 0108	0 001	0 001	0 012	0	0	0 002	0 0028	---	---	23
24	---	---	0 0078	0 001	0 001	0 5	0	0	0 002	0 0028	---	---	24
25	---	---	0 0128	0 001	0 001	001	0	0	0 001	0 0038	---	---	25
26	---	---	0 0188	0 001	0 001	0 001	0	0	0 001	0 0048	---	---	26
27	---	---	0 0118	0 001	0 001	0	0	0	0 001	0 0028	---	---	27
28	---	---	0 0068	0 001	0 001	0	0	0	0 001	0 0028	---	---	28
29	---	---	0 0078	0 001	0 001	0	0	0	0 001	0 0018	---	---	29
30	---	---	0 0068	0 001	0 001	0	0	0	0 001	0 B	---	---	30
31	---	---	0 0068		0		0	0		0 B	---	---	31
TOTAL	---	---	0 115	0 091	0 032	0 723	0	0	0 015	0 054	---	---	TOTAL
MEAN	---	---	0 004	0 003	0 001	0 024	0	0	0 001	0 002	---	---	MEAN
MAX	---	---	0 015	0 008	0 004	0 325	0	0	0 003	0 004	---	---	MAX
MIN	---	---	0	0 001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 004
MAXIMUM DAILY, 0 325 ON JUN 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4 17 AT 22 47 CST ON JUN 15

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 05 N
LONG 104 27 03 W
DRAINAGE AREA, 13 2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	9 84	SEP	1 30
APR	7 86	OCT	4 87
MAY	2 76	NOV	---
JUN	62 5	DEC	---

TOTAL DISCHARGE, 89 0 dam³

CROMARTY CREEK NEAR BIRCH HILLS - STATION NO 05HM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 874	0	0	0	0	0	0	0	---	1
2	---	---	0 B	0 794	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 619	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 535	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 437	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 321	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 288	0	0 120	0	0	0	0	---	---	7
8	---	---	0 B	0 177	0	0 905	0	0	0	0	---	---	8
9	---	---	0 B	0 107	0	0 865	0	0	0	0	---	---	9
10	---	---	0 B	0 101	0	0 388	0	0	0	0	---	---	10
11	---	---	0 B	0 083	0	0 083	0	0	0	0	---	---	11
12	---	---	0 B	0 049	0	0 029	0	0	0	0	---	---	12
13	---	---	0 B	0 032	0	0 012	0	0	0	0	---	---	13
14	---	---	0 B	0 021	0	0 005	0	0	0	0	---	---	14
15	---	---	0 B	0 009	0	0 001	0	0	0	0	---	---	15
16	---	---	0 B	0 003	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 001	0 051	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0 109	0	0	0	0	0	---	---	18
19	---	---	0 B	0 001	0 072	0	0	0	0	0	---	---	19
20	---	---	0 B	0 001	0 043	0 001	0	0	0	0	---	---	20
21	---	---	0 B	0	0 031	0 001	0	0	0	0	---	---	21
22	---	---	0 B	0	0 022	0 001	0	0	0	0	---	---	22
23	---	---	0 0295	0	0 013	0 002	0	0	0	0	---	---	23
24	---	---	0 1728	0	0 031	0 001	0	0	0	0	---	---	24
25	---	---	0 3738	0	0 058	0	0	0	0	0	---	---	25
26	---	---	0 2898	0	0 041	0	0	0	0	0	---	---	26
27	---	---	0 2438	0	0 025	0	0	0	0	0	---	---	27
28	---	---	0 441	0	0 010	0	0	0	0	0	---	---	28
29	---	---	0 842	0	0 003	0	0	0	0	0	---	---	29
30	---		0 697	0	0 001	0	0	0	0	0	---	---	30
31	---		0 892		0		0	0		0		---	31
TOTAL	---	---	3 774	4 833	0 510	2 394	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 122	0 194	0 016	0 080	0	0	0	0	---	---	MEAN
MAX	---	---	0 892	0 874	0 109	0 905	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 046
MAXIMUM DAILY, 0 905 ON JUN 8
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1 21 AT 17 39 CST ON JUN 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 57 32 N
LONG 105 28 16 W
DRAINAGE AREA, 71 7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	326	SEP	0
APR	400	OCT	0
MAY	44 1	NOV	---
JUN	207	DEC	---

TOTAL DISCHARGE, 977 dam³

CROOKED HILL CREEK NEAR CANORA - STATION NO 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2 32	0 073	0 006	0 025	0	0	0	---	---	1
2	---	---	0 B	2 03	0 040	0 002	0 011	0	0	0	---	---	2
3	---	---	0 B	1 82	0 077	0	0 007	0	0	0	---	---	3
4	---	---	0 B	1 64	0 086	0	0 001	0	0	0	---	---	4
5	---	---	0 B	1 45	0 058	0	0	0	0	0	---	---	5
6	---	---	0 B	1 24	0 050	0	0	0	0	0	---	---	6
7	---	---	0 B	1 00	0 083	0 001	0	0	0	0	---	---	7
8	---	---	0 B	0 820	0 092	0 025	0	0	0	0	---	---	8
9	---	---	0 B	0 643	0 053	0 024	0	0	0	0	---	---	9
10	---	---	0 B	0 589	0 062	0 008	0	0	0	0	---	---	10
11	---	---	0 B	0 583	0 049	0 002	0	0	0	0	---	---	11
12	---	---	0 B	0 589	0 054	0	0	0	0	0	---	---	12
13	---	---	0 B	0 581	0 078	0	0	0	0	0	---	---	13
14	---	---	0 B	0 516	0 080	0 003	0	0	0	0	---	---	14
15	---	---	0 B	0 452	0 082	0 171	0	0	0	0	---	---	15
16	---	---	0 B	0 404	0 070	0 121	0	0	0	0	---	---	16
17	---	---	0 B	0 356	0 075	0 110	0	0	0	0	---	---	17
18	---	---	0 B	0 279	0 097	0 089	0	0	0	0	---	---	18
19	---	---	0 B	0 225	0 084	0 055	0	0	0	0	---	---	19
20	---	---	0 B	0 206	0 057	0 059	0	0	0	0	---	---	20
21	---	---	0 0578	0 190	0 102	0 065	0	0	0	0	---	---	21
22	---	---	0 1058	0 169	0 097	0 092	0	0	0	0	---	---	22
23	---	---	0 1968	0 151	0 087	0 057	0	0	0	0	---	---	23
24	---	---	0 5078	0 137	0 073	0 317	0	0	0	0	---	---	24
25	---	---	0 7688	0 155	0 074	0 221	0	0	0	0	---	---	25
26	---	---	1 73 B	0 159	0 083	0 174	0	0	0	0	---	---	26
27	---	---	3 66	0 0508	0 048	0 131	0	0	0	0	---	---	27
28	---	---	3 48	0 1158	0 037	0 117	0	0	0	0	---	---	28
29	---	---	2 90	0 1448	0 028	0 080	0	0	0	0	---	---	29
30	---		2 77	0 081	0 014	0 042	0	0	0	0	---	---	30
31	---		2 68		0 009		0	0		0		---	31
TOTAL	---	---	19 151	19 086	1 992	2 552	0 044	0	0	0	---	---	TOTAL
MEAN	---	---	0 618	0 636	0 064	0 085	0 001	0	0	0	---	---	MEAN
MAX	---	---	3 66	2 32	0 102	0 657	0 025	0	0	0	---	---	MAX
MIN	---	---	0	0 050	0 008	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 175
MAXIMUM DAILY, 3 66 ON MAR 27
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4 03 AT 18 50 CST ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 39 48 N
LONG 102 25 41 W
DRAINAGE AREA, 582 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 60
FEB	---	AUG	0
MAR	1 650	SEP	0
APR	1 650	OCT	0
MAY	172	NOV	---
JUN	220	DEC	---

TOTAL DISCHARGE, 3 700 dam³

CROOKED LAKE NEAR GRAYSON - STATION NO. 05JM005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	450.982	450.918	450.945	451.185	451.518	451.621	451.686	451.599	451.442	451.573	451.318	450.732E	1
2	450.983	450.917	450.944	451.204	451.517	451.618	451.635	451.585	451.439	451.582	451.286	450.727E	2
3	450.986	450.917	450.942	451.239	451.515	451.604	451.685	451.592	451.434	451.583	451.265	450.721A	3
4	450.986	450.913	450.943	451.276	451.518	451.602	451.681	451.590	451.426	451.584	451.238	450.714	4
5	450.985	450.911	450.938	451.308	451.517	451.601	451.681	451.587	451.419	451.592	451.213	450.711	5
6	450.980	450.917	450.937	451.342	451.518	451.603	451.658	451.582	451.419	451.597	451.190	450.707	6
7	450.973	450.917	450.944	451.382	451.518	451.615	451.682	451.581	451.416	451.602	451.172	450.702	7
8	450.963	450.917	450.940	451.411	451.515	451.612	451.686	451.571	451.416	451.608	451.148	450.697	8
9	450.955	450.918	450.936	451.430	451.518	451.608	451.686	451.570	451.415	451.612	451.125	450.691	9
10	450.945	450.918	450.933	451.451	451.537	451.606	451.662	451.586	451.415	451.613	451.103	450.686	10
11	450.941	450.920	450.929	451.469	451.542	451.604	451.659	451.584	451.411	451.621	451.086	450.683	11
12	450.935	450.921	450.930	451.482	451.551	451.604	451.658	451.586	451.436	451.625	451.069	450.681	12
13	450.932	450.921	450.928	451.496	451.581	451.599	451.656	451.588	451.446	451.617	451.053	450.680	13
14	450.928	450.922	450.931	451.504	451.588	451.597	451.654	451.583	451.443	451.605	451.029	450.676	14
15	450.926	450.923	450.928	451.509	451.574	451.597	451.642	451.580	451.444	451.604	451.006	450.676	15
16	450.925	450.921	450.926	451.515	451.588	451.60[illegible]	451.638	451.559	451.448	451.625	450.987A	450.674	16
17	450.922	450.920	450.927	451.517	451.628	451.614	451.628	451.556	451.451	451.606	450.983E	450.672	17
18	450.922	450.922	450.926	451.521	451.613	451.610	451.625	451.552	451.459	451.578	450.939E	450.669	18
19	450.923	450.922	450.926	451.523	451.608	451.609	451.618	451.548	451.466	451.588	450.914E	450.671	19
20	450.925	450.923	450.925	451.525	451.614	451.612	451.614	451.546	451.469	451.542	450.890E	450.671	20
21	450.931	450.925	450.923	451.525	451.625	451.618	451.613	451.532	451.480	451.525	450.867E	450.674	21
22	450.932	450.928	450.922	451.523	451.624	451.626	451.611	451.518	451.523	451.509	450.844E	450.671	22
23	450.937	450.929	450.925	451.524	451.622	451.643	451.589	451.513	451.526	451.494	450.824E	450.671	23
24	450.937	450.930	450.931	451.523	451.625	451.648	451.591	451.513	451.532	451.477	450.806E	450.673	24
25	450.933	450.932	450.940	451.519	451.623	451.654	451.592	451.510	451.542	451.447	450.787E	450.675	25
26	450.930	450.933	450.950	451.514	451.625	451.652	451.589	451.506	451.548	451.433	450.767E	450.682	26
27	450.930	450.938	450.960	451.512	451.625	451.650	451.587	451.502	451.553	451.418	450.753E	450.691	27
28	450.932	450.936	450.983	451.512	451.621	451.648	451.582	451.493	451.558	451.388	450.747E	450.696	28
29	450.928	450.940	451.033	451.511	451.623	451.647	451.585	451.492	451.561	451.370	450.742E	450.700	29
30	450.924		451.077	451.516	451.625	451.670	451.600	451.483	451.566	451.352	450.737E	450.702	30
31	450.922		451.121		451.624		451.605	451.447		451.346		450.706	31
MEAN	450.944	450.923	450.950	451.448	451.577	451.622	451.632	451.545	451.470	451.538	450.996	450.690	MEAN
MAX	450.986	450.940	451.121	451.525	451.628	451.670	451.686	451.599	451.566	451.625	451.318	450.732	MAX
MIN	450.922	450.911	450.922	451.185	451.515	451.597	451.582	451.447	451.411	451.346	450.737	450.669	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 451.278
MAXIMUM DAILY, 451.670 ON JUN 30
MINIMUM DAILY, 450.669 ON DEC 18
MAXIMUM INSTANTANEOUS,
451.685 AT 18 10 CST ON JUN 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 33 N
LONG 102 40 42 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CRYSTAL CREEK NEAR IFFLEY - STATION NO. 05EG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.128B	1.25 B	0.222	0.514	0.371	0.034	0.033	0.029	0.021B	---	1
2	---	---	0.128B	1.31 B	0.230	0.531	0.300	0.037	0.035	0.030	0.020B	---	2
3	---	---	0.128B	1.51 B	0.237	0.504	0.234	0.042	0.027	0.030	0.020B	---	3
4	---	---	0.128B	1.73 B	0.240	0.473	0.216	0.037	0.021	0.028	0.020B	---	4
5	---	---	0.128B	1.92 B	0.252	0.449	0.228	0.037	0.026	0.026	0.020B	---	5
6	---	---	0.128B	2.32	0.242	0.434	0.255	0.038	0.017	0.024	---	---	6
7	---	---	0.128B	2.34	0.235	0.501	0.235	0.041	0.028	0.024	---	---	7
8	---	---	0.128B	1.90	0.236	0.616	0.241	0.048	0.033	0.021	---	---	8
9	---	---	0.128B	1.57	0.247	0.687	0.231	0.048	0.026	0.021	---	---	9
10	---	---	0.128B	1.39	0.254	0.658	0.187	0.043	0.019	0.029	---	---	10
11	---	---	0.128B	1.26	0.250	0.600	0.189	0.042	0.031	0.029	---	---	11
12	---	---	0.127B	1.20	0.286	0.535	0.194	0.048	0.029	0.024	---	---	12
13	---	---	0.128B	1.08	0.273	0.485	0.195	0.048	0.026	0.024	---	---	13
14	---	---	0.129B	0.995	0.273	0.455	0.188	0.041	0.026	0.017	---	---	14
15	---	---	0.131B	1.02	0.270	0.510	0.236	0.047	0.038	0.028	---	---	15
16	---	---	0.136B	0.983	0.310	0.561	0.211	0.041	0.021	0.023	---	---	16
17	---	---	0.141B	0.955	0.411	0.472	0.190	0.050	0.016	0.029	---	---	17
18	---	---	0.149B	0.864	0.648	0.407	0.154	0.048	0.022	0.033	---	---	18
19	---	---	0.159B	0.791	0.838	0.387	0.194	0.040	0.024	0.029	---	---	19
20	---	---	0.170B	0.783	0.711	0.380	0.188	0.032	0.018	0.026	---	---	20
21	---	---	0.183B	0.738	0.650	0.380	0.195	0.027	0.025	0.020	---	---	21
22	---	---	0.196B	0.708	0.614	0.362	0.193	0.035	0.033	0.018	---	---	22
23	---	---	0.217B	0.669	0.617	0.376	0.191	0.035	0.031	0.021	---	---	23
24	---	---	0.238B	0.653	0.694	0.373	0.137	0.027	0.034	0.025	---	---	24
25	---	---	0.256B	0.588	0.779	0.349	0.094	0.029	0.033	0.022	---	---	25
26	---	---	0.297B	0.526	0.752	0.342	0.188	0.048	0.032	0.022	---	---	26
27	---	0.128B	0.370B	0.485	0.669	0.343	0.170	0.032	0.025	0.022B	---	---	27
28	---	0.128B	0.474B	0.401	0.592	0.356	0.089	0.033	0.025	0.022B	---	---	28
29	---	0.128B	0.600B	0.338	0.548	0.315	0.068	0.014	0.032	0.022B	---	---	29
30	---		0.780B	0.275	0.513	0.320	0.040	0.029	0.038	0.021B	---	---	30
31	---		0.968B		0.480		0.030	0.038		0.021B		---	31
TOTAL	---	---	7.248	32.512	13.551	13.704	5.814	1.186	0.824	0.780	---	---	TOTAL
MEAN	---	---	0.234	1.08	0.437	0.457	0.188	0.038	0.027	0.025	---	---	MEAN
MAX	---	---	0.968	2.34	0.838	0.687	0.371	0.050	0.038	0.033	---	---	MAX
MIN	---	---	0.128	0.275	0.222	0.315	0.030	0.014	0.016	0.017	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.309
MAXIMUM DAILY, 2.34 ON APR 7
MINIMUM DAILY, 0.014 ON AUG 29
MAXIMUM INSTANTANEOUS,
2.44 AT 23:22 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 47 N
LONG 108 09 23 W
DRAINAGE AREA, 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	502
FEB	---	AUG	102
MAR	626	SEP	71.2
APR	2 810	OCT	65.7
MAY	1 170	NOV	---
JUN	1 180	DEC	---

TOTAL DISCHARGE, 6 630 dam³

CUMBERLAND LAKE NEAR CUMBERLAND HOUSE - STATION NO 05KH002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	265.810	266.000	265.759	265.780	265.546	265.389	265.451	264.797	264.617	264.881	264.880E	264.862E	1
2	265.849	266.019	265.777	265.740	265.511	265.485	265.439	264.788	264.605	264.899	264.881E	264.870E	2
3	265.774	266.033	265.753	265.715	265.486	265.485	265.386	264.767	264.620	264.860	264.882E	264.878E	3
4	265.738	266.053	265.726	265.687	265.452	265.468	265.365	264.829	264.684	264.800	264.883E	264.885E	4
5	265.783	266.024	265.711	265.693	265.483	265.464	265.343	264.872	264.684	264.751	264.884E	264.993E	5
6	265.771	265.979	265.705	265.696	265.408	265.471	265.277	264.799	264.680	264.789	264.885E	265.008E	6
7	265.774	265.964	265.689	265.703	265.364	265.625	265.252	264.789	264.800	264.803	264.888E	265.028E	7
8	265.783	265.951	265.696	265.705	265.312	265.532	265.193	264.754	235.079	264.757	264.887E	265.050E	8
9	265.810	265.925	265.694	265.701	265.270	265.398	265.171	264.758	264.890	264.724	264.888E	265.090E	9
10	265.843	265.904	265.698	265.729	265.372	265.287	265.173	264.684	264.813	264.770A	264.889E	265.150E	10
11	265.891	265.880	265.700	265.785	265.305	265.318	265.221	264.731	264.805	264.790E	264.890E	265.224A	11
12	265.933	265.861	265.714	265.843	265.266	265.366	265.245	264.732	264.885	264.810E	264.892E	265.338	12
13	265.953	265.847	265.723	265.881	265.228	265.341	265.276	264.673	264.830	264.820E	264.894E	265.426	13
14	265.952	265.842	265.707	265.920	265.191	265.318	265.343	264.739	264.790	264.830E	264.896E	265.543	14
15	265.958	265.844	265.694	265.914	265.183	265.313	265.214	264.754	264.731	264.840E	264.898E	265.644	15
16	265.997	265.831	265.714	266.013	265.228	265.339	265.184	264.775	264.738	264.845E	264.900E	265.752	16
17	266.004	265.820	265.709	266.003	265.080	265.353	265.110	264.773	264.723	264.848E	264.903E	265.812	17
18	265.985	265.814	265.697	266.001	265.279	265.304	265.143	264.777	264.768	264.850E	264.905E	265.837	18
19	265.975	265.815	265.682	265.995	265.210	265.302	265.075	264.796	264.861	264.855E	264.908E	265.887	19
20	265.962	265.815	265.640	265.890	265.205	265.278	265.088	264.559	264.883	264.858E	264.910E	265.725	20
21	265.945	265.807	265.628	265.960	265.257	265.339	265.114	264.779	265.010	264.860E	264.915E	265.743	21
22	265.933	265.798	265.659	265.929	265.255	265.381	265.020	264.858	265.344	264.862E	264.920E	265.727	22
23	265.951	265.787	265.682	265.909	265.262	265.438	265.025	264.856	264.897	264.863E	264.925E	265.757	23
24	266.001	265.748	265.693	265.886	265.315	265.382	265.025	264.881	264.725	264.864E	264.930E	265.800	24
25	265.983	265.731	265.685	265.901	265.295	265.403	265.078	264.885	264.779	264.865E	264.935E	265.807	25
26	265.968	265.716	265.698	265.854	265.335	265.386	265.098	264.589	264.775	264.867E	264.939E	265.763	26
27	265.960	265.731	265.733	265.875	265.371	265.388	265.082	264.838	264.768	264.869E	264.943E	265.727	27
28	265.962	265.750	265.764	265.847	265.369	265.416	264.994	264.480	264.775	264.870E	264.948E	265.692	28
29	265.967	265.742	265.781	265.859	265.418	265.424	264.975	264.275	264.852	264.873E	264.952E	265.685	29
30	265.970		265.790	265.598	265.484	265.418	264.984	264.514	264.878	264.875E	264.957E	265.700	30
31	265.989		265.798		265.452		264.874	264.646		264.878E		265.732	31
MEAN	265.911	265.863	265.713	265.834	265.329	265.394	265.186	264.700	264.808	264.837	264.907	265.446	MEAN
MAX	266.004	266.053	265.798	266.014	265.546	265.625	265.451	264.872	265.344	264.899	264.957	265.807	MAX
MIN	265.738	265.716	265.628	265.598	265.080	265.278	264.874	264.275	264.605	264.724	264.880	264.862	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 265.324
MAXIMUM DAILY, 266.053 ON FEB 4
MINIMUM DAILY, 264.275 ON AUG 29
MAXIMUM INSTANTANEOUS,
266.080 AT 09:49 CST ON FEB 4

WATER LEVELS ARE REFERRED TO PROVINCE OF SASKATCHEWAN DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 57 30 N
LONG 102 17 46 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

CUTARM CREEK NEAR SPY HILL - STATION NO 05JM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0278	0.0558	0.077	0.048	0.005	0	0	0.004	---	---	1
2	---	---	0.0258	0.3608	0.050	0.045	0	0	0	0.002	---	---	2
3	---	---	0.0248	0.9038	0.058	0.045	0	0	0	0.001	---	---	3
4	---	---	0.0238	0.8978	0.137	0.012	0	0	0	0.001	---	---	4
5	---	---	0.0228	0.4948	0.217	0.004	0	0	0	0.001	---	---	5
6	---	---	0.0208	0.4318	0.225	0	0.001	0	0	0.001	---	---	6
7	---	---	0.0178	0.5408	0.390	0.002	0	0	0	0.001	---	---	7
8	---	---	0.0168	0.8928	0.353	0.004	0	0	0	0.001	---	---	8
9	---	---	0.0118	0.881	0.244	0.021	0	0	0	0	---	---	9
10	---	---	0.0108	0.641	0.230	0.131	0	0	0	0	---	---	10
11	---	---	0.0108	0.585	0.417	0.033	0	0	0	0	---	---	11
12	---	---	0.0068	0.525	0.350	0.010	0	0	0	0	---	---	12
13	---	---	0.0048	0.828	0.209	0.004	0	0	0	0	---	---	13
14	---	0 B	0.0018	0.601	0.218	0.001	0	0	0	0	---	---	14
15	---	0 B	0.0018	0.532	0.223	0.003	0	0	0.031	0	---	---	15
16	---	0.0028	0.0018	0.458	0.140	0.075	0	0	0.024	0.019	---	---	16
17	---	0.0018	0.0018	0.479	0.087	0.065	0	0	0.005	0.081	---	---	17
18	---	0.0018	0.0018	0.447	0.093	0.036	0	0	0.002	0.142	---	---	18
19	---	0.0018	0.0018	0.384	0.184	0.029	0	0	0.001	0.095	---	---	19
20	---	0.0018	0.0108	0.305	0.112	0.042	0	0	0.001	0.083	---	---	20
21	---	0.0158	0.2348	0.289	0.078	0.005	0	0	0.001	0.078	---	---	21
22	---	0.0258	0.3768	0.250	0.173	0.004	0	0	0.009	0.049	---	---	22
23	---	0.0358	0.8778	0.233	0.240	0.008	0	0	0.080	0.018	---	---	23
24	---	0.0308	0.8038	0.211	0.242	0.007	0	0	0.130	0.0188	---	---	24
25	---	0.0278	0.5108	0.091	0.287	0.003	0	0	0.084	0.0488	---	---	25
26	---	0.0348	0.3208	0.051	0.243	0.005	0	0	0.047	0.0478	---	---	26
27	---	0.0298	0.2788	0.047	0.184	0.003	0	0	0.044	0.0458	---	---	27
28	---	0.0328	0.1698	0.013	0.181	0.002	0	0	0.037	0.0528	---	---	28
29	---	0.0318	0.0888	0.353	0.183	0.001	0	0	0.023	0.0468	---	---	29
30	---		0.0498	0.155	0.146	0.004	0	0	0.010	0.0368	---	---	30
31	---		0.0418		0.092		0	0		0.0298		---	31
TOTAL	---	---	3.876	12.092	6.029	0.853	0.006	0	0.489	0.897	---	---	TOTAL
MEAN	---	---	0.135	0.403	0.194	0.022	0	0	0.018	0.029	---	---	MEAN
MAX	---	---	0.877	0.903	0.417	0.131	0.005	0	0.130	0.142	---	---	MAX
MIN	---	---	0.001	0.013	0.050	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 0.8778 ON MAR 23
MINIMUM DAILY, 0 ON JUN 6
MAXIMUM INSTANTANEOUS,
1.428 AT 14:05 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 27 N
LONG 101 44 34 W
DRAINAGE AREA, 786 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.52
FEB	---	AUG	0
MAR	335	SEP	42.2
APR	1 040	OCT	77.5
MAY	521	NOV	---
JUN	86.4	DEC	---

TOTAL DISCHARGE, 2 070 dam³

CUTKNIFE CREEK NEAR CUTKNIFE - STATION NO. 05FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	2.30 E	0.013	0.003	0.001	0.001	0.002	0.001	0.0028	---	1
2	---	---	0.0018	1.52 A	0.011	0.003	0.001	0.001	0.002	0.001	0.0028	---	2
3	---	---	0.0018	1.12 A	0.011	0.002	0.001	0.001	0.001	0.001	0.0028	---	3
4	---	---	0.0018	0.865	0.010	0.002	0.001	0.001	0.001	0.001	0.0028	---	4
5	---	---	0.0018	0.628	0.009	0.002	0.001	0.001	0.001	0.001	0.0028	---	5
6	---	---	0.0018	0.466	0.008	0.002	0.002	0.001	0.001	0.001	---	---	6
7	---	---	0.0018	0.478	0.008	0.005	0.001	0.001	0.001	0.001	---	---	7
8	---	---	0.0018	0.452	0.008	0.008	0.001	0.001	0.002	0.002	---	---	8
9	---	---	0.0018	0.367	0.008	0.006	0.001	0.001	0.002	0.002	---	---	9
10	---	---	0.0018	0.317	0.008	0.004	0.001	0.001	0.002	0.001	---	---	10
11	---	---	0.0018	0.228	0.008	0.003	0.001	0.001	0.002	0.001	---	---	11
12	---	---	0.0018	0.142	0.005	0.003	0.001	0.002	0.002	0.001	---	---	12
13	---	---	0.0018	0.097	0.005	0.003	0.001	0.002	0.002	0.001	---	---	13
14	---	---	0.0018	0.078	0.005	0.002	0.001	0.003	0.002	0.001	---	---	14
15	---	---	0.0018	0.060	0.008	0.002	0.001	0.004	0.002	0.001	---	---	15
16	---	---	0.0018	0.041	0.008	0.002	0.001	0.005	0.002	0.002	---	---	16
17	---	---	0.0018	0.036	0.007	0.002	0.001	0.005	0.002	0.002	---	---	17
18	---	---	0.0018	0.029	0.008	0.002	0.001	0.005	0.002	0.002	---	---	18
19	---	---	0.0018	0.024	0.008	0.002	0.002	0.004	0.001	0.001	---	---	19
20	---	---	0.0018	0.022	0.008	0.004	0.002	0.004	0.001	0.002	---	---	20
21	---	---	0.0018	0.022	0.005	0.003	0.002	0.003	0.002	0.002	---	---	21
22	---	---	0.0018	0.020	0.005	0.025	0.002	0.003	0.002	0.002	---	---	22
23	---	---	0.0018	0.026	0.005	0.031	0.002	0.003	0.002	0.002	---	---	23
24	---	---	0.0018	0.025	0.006	0.012	0.002	0.002	0.001	0.002	---	---	24
25	---	---	3.00 B	0.026	0.005	0.007	0.002	0.002	0.001	0.002	---	---	25
26	---	---	9.00 B	0.026	0.005	0.005	0.002	0.002	0.001	0.002	---	---	26
27	---	---	9.09 B	0.022	0.005	0.004	0.002	0.002	0.001	0.002	---	---	27
28	---	0.0018	6.78 B	0.017	0.003	0.003	0.002	0.002	0.001	0.002	---	---	28
29	---	0.0018	5.36 B	0.016	0.003	0.002	0.001	0.001	0.001	0.002	---	---	29
30	---		5.51 B	0.015	0.003	0.002	0.001	0.001	0.001	0.002	---	---	30
31	---		3.40 A		0.003		0.001	0.001		0.002		---	31
TOTAL	---	---	43.184	9.487	0.195	0.156	0.042	0.067	0.046	0.048	---	---	TOTAL
MEAN	---	---	1.39	0.316	0.006	0.005	0.001	0.002	0.002	0.002	---	---	MEAN
MAX	---	---	9.09	2.30	0.013	0.031	0.002	0.005	0.002	0.002	---	---	MAX
MIN	---	---	0.001	0.015	0.003	0.002	0.001	0.001	0.001	0.001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.217
MAXIMUM DAILY, 9.088 ON MAR 27
MINIMUM DAILY, 0.0018 ON MAR 1
MAXIMUM INSTANTANEOUS,
10.2 AT 10:00 CST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 18 N
LONG 108 46 52 W
DRAINAGE AREA, 403 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3 63
FEB	---	AUG	5 78
MAR	3 730	SEP	3 97
APR	820	OCT	4 15
MAY	16 9	NOV	---
JUN	13 5	DEC	---

TOTAL DISCHARGE, 4 600 dam³

CYPRESS LAKE - STATION NO. 11AC037

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	972.154	972.196	972.140	971.987	971.803	971.587E	971.427	971.385	---	---	1
2	---	---	972.154	972.205	972.123	971.934	971.776	971.581E	971.427	971.384	---	---	2
3	---	---	972.154	972.225	972.152	971.908	971.723	971.576E	971.427	971.383	---	---	3
4	---	---	972.152	972.236	972.148	971.894	971.695	971.571E	971.422	971.383	---	---	4
5	---	---	972.154	972.239	972.115	971.888	971.675	971.566E	971.417	971.380	---	---	5
6	---	---	972.157	972.237	972.106	971.885	971.658	971.560E	971.361	971.381	---	---	6
7	---	---	972.154	972.236	972.106	971.892	971.652A	971.555E	971.384	971.379	---	---	7
8	---	---	972.153	972.227	972.088	971.886	971.647E	971.550E	971.411	971.376	---	---	8
9	---	---	972.152	972.233	972.134	971.878	971.644E	971.544E	971.410	971.374	---	---	9
10	---	---	972.151	972.225	972.103	971.861	971.638E	971.539E	971.411	971.377	---	---	10
11	---	---	972.153	972.221	972.058	971.851	971.635E	971.534E	971.413	971.377	---	---	11
12	---	---	972.156A	972.214	972.067	971.846	971.632E	971.528E	971.395A	971.354	---	---	12
13	---	---	972.157E	972.208	972.037	971.839	971.630E	971.523E	971.406A	971.329	---	---	13
14	---	---	972.159E	972.204	972.014	971.831	971.626E	971.518E	971.407A	971.355	---	---	14
15	---	---	972.160E	972.192	972.027	971.833	971.624E	971.513E	971.402	971.359	---	---	15
16	---	---	972.161E	972.194	972.056	971.827	971.622E	971.507E	971.400	971.336	---	---	16
17	---	---	972.163A	972.194	972.121	971.823	971.618E	971.502E	971.388A	971.335A	---	---	17
18	---	---	972.164	972.195	972.036	971.814	971.614E	971.497E	971.392A	971.338A	---	---	18
19	---	---	972.202	972.178	972.005	971.805	971.611E	971.492E	971.397	971.357A	---	---	19
20	---	---	972.201	972.145	972.074	971.803	971.608E	971.486E	971.398	971.356E	---	---	20
21	---	---	972.183	972.178	972.030	971.807	971.607E	971.481A	971.388	971.357E	---	---	21
22	---	972.149A	972.202	972.210	971.986	971.842	971.605E	971.478	971.396	971.356E	---	---	22
23	---	972.152	972.220	972.202	971.995	971.834	971.602E	971.475	971.387	971.356E	---	---	23
24	---	972.152	972.217	972.199	972.012	971.809	971.598E	971.469	971.387	971.356E	---	---	24
25	---	972.151	972.205	972.172	971.951	971.788	971.595E	971.461	971.387	971.354E	---	---	25
26	---	972.151	972.215	972.132	971.928	971.781	971.593E	971.448	971.389	971.354E	---	---	26
27	---	972.149	972.211	972.153	971.948	971.778	971.590E	971.410	971.385	971.353E	---	---	27
28	---	972.153	972.208	972.186	971.880	971.755	971.588E	971.423	971.381	971.350E	---	---	28
29	---	972.156	972.216	972.180	971.951	971.760	971.587E	971.424	971.384	971.350A	---	---	29
30	---		972.213	972.150	971.943	971.808	971.585E	971.423	971.384	971.348E	---	---	30
31	---		972.195		972.024		971.582A	971.425		971.346E		---	31
MEAN	---	---	972.178	972.197	972.047	971.842	971.635	971.505	971.398	971.361	---	---	MEAN
MAX	---	---	972.220	972.239	972.152	971.987	971.803	971.587	971.427	971.385	---	---	MAX
MIN	---	---	972.151	972.132	971.928	971.750	971.585	971.410	971.381	971.329	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 972.239 ON APR 5

MAXIMUM INSTANTANEOUS,
972.275 AT 14:04 CST ON APR 22

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 51 N
LONG 109 23 44 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1939

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

CYPRESS LAKE EAST OUTFLOW CANAL - STATION NO. 11AC080

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.008B	0.113B	0.005	0.008	0.073	0	0	0	---	---	1
2	---	---	0.007B	0.070B	0.005	0.009	0.048	0	0	0	---	---	2
3	---	---	0.007B	0.022B	0.005	0.009	0.026	0	0	0	---	---	3
4	---	---	0.007B	0.024B	0.005	0.010	0.016	0	0	0	---	---	4
5	---	---	0.006B	0.026B	0.005	0.010	0.015	0	0	0	---	---	5
6	---	---	0.006B	0.028B	0.005	0.009	0.013	0	0	0	---	---	6
7	---	---	0.006B	0.031B	0.005	0.009	0.007	0	0	0	---	---	7
8	---	---	0.006B	0.033B	0.005	0.009	0.001	0	0	0	---	---	8
9	---	---	0.006B	0.035	0.005	0.008	0	0	0	0	---	---	9
10	---	---	0.006B	0.038	0.005	0.008	0	0	0	0	---	---	10
11	---	---	0.006B	0.040	0.005	0.008	0	0	0	0	---	---	11
12	---	---	0.006B	0.042	0.005	0.008	0	0	0	0	---	---	12
13	---	---	0.006B	0.044	0.005	0.008	0	0	0	0	---	---	13
14	---	---	0.007B	0.046	0.005	0.007	0	0	0	0	---	---	14
15	---	---	0.007B	0.043	0.005	0.007	0	0	0	0	---	---	15
16	---	---	0.007B	0.039	0.005	0.007	0	0	0	0	---	---	16
17	---	---	0.007B	0.035	0.005	0.007	0	0	0	0	---	---	17
18	---	---	0.007B	0.033	0.005	0.007	0	0	0	0.001	---	---	18
19	---	---	0.007B	0.024	0.005	0.006	0	0	0	0.002	---	---	19
20	---	0.010B	0.011B	0.012	0.005	0.006	0	0	0	0.002	---	---	20
21	---	0.010B	0.018B	0.007	0.006	0.006	0	0	0	0.003	---	---	21
22	---	0.010B	0.040B	0.005	0.006	0.006	0	0	0	0.004	---	---	22
23	---	0.010B	0.075B	0.004	0.006	0.006	0	0	0	0.005	---	---	23
24	---	0.009B	0.065B	0.003	0.006	0.005	0	0	0	0.006	---	---	24
25	---	0.009B	0.054B	0.003	0.007	0.027	0	0	0	0.007	---	---	25
26	---	0.008B	0.045B	0.004	0.007	0.362	0	0	0	0.007	---	---	26
27	---	0.008B	0.122B	0.004	0.007	0.323	0	0	0	0.006B	---	---	27
28	---	0.008B	0.105B	0.004	0.007	0.256	0	0	0	0.006B	---	---	28
29	---	0.008B	0.090B	0.004	0.006	0.234	0	0	0	0.005B	---	---	29
30	---	---	0.120B	0.005	0.008	0.141	0	0	0	0.005B	---	---	30
31	---		0.150B		0.008		0	0		0.004B		---	31
TOTAL	---	---	1.018	0.821	0.178	1.566	0.199	0	0	0.063	---	---	TOTAL
MEAN	---	---	0.033	0.027	0.006	0.052	0.006	0	0	0.002	---	---	MEAN
MAX	---	---	0.150	0.113	0.008	0.362	0.073	0	0	0.007	---	---	MAX
MIN	---	---	0.006	0.003	0.005	0.005	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.362 ON JUN 26
MINIMUM DAILY, 0 ON JUL 9

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 12 N
LONG 109 21 08 W

B - ICE CONDITIONS

REGULATED SINCE 1940

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.2
FEB	---	AUG	0
MAR	88.0	SEP	0
APR	70.9	OCT	5.44
MAY	15.2	NOV	---
JUN	135	DEC	---

TOTAL DISCHARGE, 332 dam³

CYPRESS LAKE WEST INFLOW CANAL - STATION NO. 11AB078

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.232B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.164B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.007	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.005	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.004	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.004	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.004	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.002	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.010B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0.015B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0.020B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.030B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.040B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.050B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.280B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.313B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0.185B	0	0	0	0	0	0	0	---	---	29
30	---		0.148B	0	0	0	0	0	0	0	---	---	30
31	---		0.198B		0		0	0		0		---	31
TOTAL	---	---	1.294	0.429	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.042	0.014	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.313	0.232	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.313B ON MAR 28
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 18 N
LONG 109 37 08 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	11.2	SEP	0
APR	37.1	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 149 dam³

CYPRESS LAKE WEST INFLOW CANAL DRAIN - STATION NO. 11AB085

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.003B	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.002B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.002E	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.002A	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.002	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.002	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.001	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.001B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.002B	0	0	0	0	0	0	0	---	---	21
22	---	0B	0.002B	0	0	0	0	0	0	0	---	---	22
23	---	0B	0.002B	0	0	0	0	0	0	0	---	---	23
24	---	0B	0.003B	0	0	0	0	0	0	0	---	---	24
25	---	0B	0.003B	0	0	0	0	0	0	0	---	---	25
26	---	0B	0.003B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0.003B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0.004B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0.004B	0	0	0	0	0	0	0	---	---	29
30	---		0.003L	0	0	0	0	0	0	0	---	---	30
31	---		0.003B		0		0	0		0		---	31
TOTAL	---	---	0.033	0.017	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.004	0.003	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.004B ON MAR 28
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 25 N
LONG 109 36 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2.85	SEP	0
APR	1.47	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4.32 dam³

CYPRESS LAKE WEST OUTFLOW CANAL - STATION NO 11AB077

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	0.562	0.002E	0	0.001	0	0	---	---	1
2	---	---	0 B	0 B	2.13	0.002E	0	0.001	0	0	---	---	2
3	---	---	0 B	0 B	1.80	0.002E	0	0.007	0	0	---	---	3
4	---	---	0 B	0	1.98	0.002E	0	0.002	0	0	---	---	4
5	---	---	0 B	0.003	2.06	0.002A	0	0.001	0	0	---	---	5
6	---	---	0 B	0.005	2.02	0.002A	0	0	0	0	---	---	6
7	---	---	0 B	0.004	1.91	0.002	0	0	0	0	---	---	7
8	---	---	0 B	0.003	2.00	0.002	0.034	0	0	0	---	---	8
9	---	---	0 B	0.022	1.33	0.002	0.037	0	0	0	---	---	9
10	---	---	0 B	0.003	1.73	0.002	0.038	0	0	0	---	---	10
11	---	---	0 B	0.002	1.28	0.002	0.038	0	0	0	---	---	11
12	---	---	0 B	0.002	1.65	0.049	0.038	0.004	0	0	---	---	12
13	---	---	0 B	0.002	1.84	0.270	0.038	0.001	0	0	---	---	13
14	---	---	0 B	0.001	1.91	0.252	0.038	0	0	0	---	---	14
15	---	---	0 B	0.002	1.78	0.139	0.038	0	0	0	---	---	15
16	---	---	0 B	0.003	1.57	0.053	0.038	0	0	0	---	---	16
17	---	---	0 B	0.001	0.853	0.006	0.039	0	0	0	---	---	17
18	---	---	0.001B	0.001	1.55	0.001	0.038	0	0	0	---	---	18
19	---	---	0.004B	0.001	1.51	0.001	0.038	0	0	0	---	---	19
20	---	---	0.005B	0.001	0.834	0.001	0.037	0	0	0	---	---	20
21	---	---	0.005B	0.001	1.12	0.002	0.037	0	0	0	---	---	21
22	---	0B	0.003B	0.001	1.21	0.001	0.031	0	0	0	---	---	22
23	---	0B	0.001B	0.001	0.939	0.001	0.006	0	0	0	---	---	23
24	---	0B	0 B	0.001	0.810	0.001	0.002	0	0	0	---	---	24
25	---	0B	0 B	0.002	1.25	0	0.008	0	0	0	---	---	25
26	---	0B	0 B	0.003	1.33	0	0.027	0	0	0	---	---	26
27	---	0B	0 B	0.001	1.28	0	0.028	0	0	0	---	---	27
28	---	0B	0 B	0.002	0.485	0	0.029	0	0	0	---	---	28
29	---	0B	0 B	0.003	0.005	0	0.027	0	0	0	---	---	29
30	---		0 B	0.003	0.002	0	0.006	0	0	0	---	---	30
31	---		0 B		0.002E		0.003	0		0		---	31
TOTAL	---	---	0.019	0.074	41.502	0.799	0.694	0.017	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.002	1.34	0.027	0.022	0.001	0	0	---	---	MEAN
MAX	---	---	0.005	0.022	2.13	0.270	0.038	0.007	0	0	---	---	MAX
MIN	---	---	0	0	0.002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 2.13 ON MAY 2
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 14 N
LONG 109 35 18 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	60.0
FEB	---	AUG	1.47
MAR	1.64	SEP	0
APR	8.38	OCT	0
MAY	3 590	NOV	---
JUN	69.0	DEC	---

TOTAL DISCHARGE, 3 730 dam³

DEAD LAKE PROJECT - SOURIS RIVER CHANNEL - STATION NO. 05NB029

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.703E	539.691A	539.773E	539.942A	539.956A	539.825A	539.487A	539.186A	538.921	538.806	538.788E	538.787E	1
2	---	---	539.773E	539.941A	539.957A	539.819A	539.483A	539.192A	538.916	538.800	---	---	2
3	---	---	539.774E	539.956A	539.959A	539.805A	539.486A	539.187A	538.912	538.788	---	---	3
4	539.700A	---	539.774E	539.948A	539.961A	539.786A	539.478A	539.183A	538.906	538.783	---	538.785A	4
5	---	---	539.775E	539.947E	539.962A	539.780A	539.469A	539.177A	538.899	538.780	---	---	5
6	---	---	539.775E	539.948E	539.958A	539.765A	539.456A	539.167A	538.891	538.778	---	---	6
7	---	---	539.776E	539.946E	539.953A	539.746A	539.449A	539.158A	538.883	538.777	---	---	7
8	---	---	539.776E	539.945E	539.947A	539.590A	539.440A	539.149A	538.878	538.771	---	---	8
9	---	---	539.777E	539.942E	539.942A	539.532A	539.430E	539.140A	538.873	538.768	---	---	9
10	---	---	539.777E	539.941E	539.936A	539.469A	539.420E	539.131A	538.866	538.764	---	---	10
11	---	---	539.778E	539.938E	539.929A	539.405A	539.409E	539.122A	538.861	538.765	---	---	11
12	---	---	539.778E	539.937A	539.922A	539.400A	539.397E	539.113A	538.856	538.766	---	---	12
13	---	---	539.779E	539.933A	539.915A	539.408A	539.387E	539.103A	538.853	538.767	---	---	13
14	---	---	539.779E	539.927A	539.908A	539.414A	539.375E	539.092A	538.849	538.765	---	---	14
15	---	---	539.780E	539.923A	539.903A	539.421A	539.363E	539.083A	538.846	538.762	---	---	15
16	---	---	539.781E	539.921A	539.899A	539.429A	539.352E	539.072A	538.841	538.774	---	---	16
17	---	---	539.782E	539.919A	539.894A	539.435A	539.341E	539.062A	538.833	538.785	---	---	17
18	---	---	539.783E	539.916A	539.889A	539.433A	539.330E	539.053A	538.824	538.784	---	---	18
19	---	---	539.786E	539.912A	539.885A	539.433A	539.320E	539.044A	538.816	538.785	---	---	19
20	---	---	539.788A	539.908A	539.879A	539.434A	539.309E	539.035A	538.808	538.787	---	---	20
21	---	---	539.808A	539.903A	539.872A	539.467A	539.297E	539.026A	538.807	538.787	---	---	21
22	---	---	539.854A	539.900A	539.868A	539.486A	539.286E	539.018A	538.820	538.786	---	---	22
23	---	---	539.878A	539.908A	539.863A	539.500A	539.274A	539.010A	538.813	538.786	---	---	23
24	---	---	539.922A	539.918A	539.861A	539.501A	539.262A	539.001A	538.808	538.783	---	---	24
25	---	---	539.926A	539.933A	539.859A	539.504A	539.251A	538.994A	538.808	538.774	---	---	25
26	---	---	539.921A	539.957A	539.857A	539.513A	539.240A	538.987A	538.809	538.772	---	---	26
27	---	539.770A	539.919A	539.964A	539.853A	539.512A	539.231A	538.980A	538.812	538.784	---	---	27
28	---	---	539.928A	539.963A	539.849A	539.508A	539.221A	538.972A	538.812	538.795	---	---	28
29	---	539.772E	539.933A	539.960A	539.844A	539.505A	539.211A	538.966A	538.810	538.795	---	---	29
30	---	---	539.934A	539.958A	539.838A	539.502A	539.205A	538.955A	538.805	538.789A	538.767E	---	30
31	539.691E		539.944A		539.831A		539.200A	538.927		538.788E		538.709E	31
MEAN	---	---	539.823	539.935	539.902	539.538	539.351	539.074	538.848	538.780	---	---	MEAN
MAX	---	---	539.944	539.964	539.962	539.826	539.497	539.196	538.921	538.806	---	---	MAX
MIN	---	---	539.773	539.900	539.831	539.400	539.200	538.927	538.806	538.762	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 539.964A ON APR 27
MINIMUM DAILY, 538.709E ON DEC 31
MAXIMUM INSTANTANEOUS,
539.985 AT 06:08 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

DEAD LAKE RESERVOIR NEAR MIDALE - STATION NO. 05NB022

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	539.705E	539.693A	539.782E	539.937A	539.942A	539.842A	539.599A	539.278E	539.135E	539.077A	539.067E	539.053E	1
2	---	---	539.784E	539.938A	539.950A	539.837A	539.593A	539.264E	539.130E	---	---	---	2
3	---	---	539.787E	539.938A	539.954A	539.827A	539.586A	539.251E	539.125E	---	---	---	3
4	539.703A	---	539.790E	539.938A	539.957A	539.817A	539.578A	539.240A	539.120E	---	---	539.051A	4
5	---	---	539.782E	539.937E	539.959A	539.806A	539.569A	539.228A	539.118E	---	---	---	5
6	---	---	539.785E	539.937E	539.960A	539.797A	539.560A	539.223A	539.112E	---	---	---	6
7	---	---	539.787E	539.938E	539.960A	539.789A	539.552A	539.219A	539.109E	---	---	---	7
8	---	---	539.786E	539.936E	539.958A	539.777A	539.544A	539.215A	539.106E	---	---	---	8
9	---	---	539.784E	539.935E	539.953A	539.762A	539.538	539.210A	539.103E	---	---	---	9
10	---	---	539.782E	539.937E	539.949A	539.748A	539.536	539.209A	539.100E	---	---	---	10
11	---	---	539.781E	539.936E	539.944A	539.738A	539.532	539.206A	539.098E	---	---	---	11
12	---	---	539.781E	539.934A	539.940A	539.733A	539.528	539.205A	539.096E	---	---	---	12
13	---	---	539.781E	539.929A	539.933A	539.727A	539.525	539.204A	539.094E	---	---	---	13
14	---	---	539.782E	539.924A	539.925A	539.723A	539.518	539.203A	539.092E	---	---	---	14
15	---	---	539.782E	539.918A	539.919A	539.718A	539.800	539.203A	539.090E	---	---	---	15
16	---	---	539.782E	539.913A	539.912A	539.711A	539.481	539.203A	539.088E	---	---	---	16
17	---	---	539.783A	539.909A	539.907A	539.702A	539.466	539.203A	539.088E	---	---	---	17
18	---	---	539.785E	539.904A	539.902A	539.694A	539.451	539.201A	539.087E	---	---	---	18
19	---	---	539.788E	539.899A	539.898A	539.685A	539.437	539.199A	539.086E	---	---	---	19
20	---	---	539.775A	539.899A	539.889A	539.677A	539.422	539.197A	539.085E	---	---	---	20
21	---	---	539.786A	539.898A	539.883A	539.669A	539.406	539.196A	539.084E	---	---	---	21
22	---	---	539.797A	539.898A	539.878A	539.660A	539.389	539.194A	539.083E	---	---	---	22
23	---	---	539.807A	539.899A	539.873A	539.651A	539.374A	539.189A	539.082E	---	---	---	23
24	---	---	539.817A	539.899A	539.868A	539.642A	539.361A	539.183A	539.081E	---	---	---	24
25	---	---	539.826A	539.900A	539.861A	539.633A	539.349A	539.176A	539.080E	---	---	---	25
26	---	---	539.875A	539.906A	539.857A	539.629A	539.338A	539.169A	539.080E	---	---	---	26
27	---	539.749A	539.917A	539.912A	539.853A	539.628A	539.329A	539.164A	539.079E	---	---	---	27
28	---	---	539.931A	539.919A	539.848A	539.619A	539.320A	539.158A	539.078E	---	---	---	28
29	---	539.750E	539.934A	539.927A	539.848A	539.613A	539.312A	539.154A	539.078E	---	---	---	29
30	---	---	539.936A	539.935A	539.845A	539.605A	539.300E	539.145A	539.078E	539.068A	539.053E	---	30
31	539.694E		539.937A		539.844A		539.288E	539.140E		539.067E		539.047E	31
MEAN	---	---	539.800	539.921	539.909	539.715	539.461	539.201	539.095	---	---	---	MEAN
MAX	---	---	539.937	539.938	539.960	539.842	539.599	539.276	539.135	---	---	---	MAX
MIN	---	---	539.782	539.898	539.844	539.605	539.288	539.140	539.078	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 539.960A ON MAY 5
MINIMUM DAILY, 539.047E ON DEC 31
MAXIMUM INSTANTANEOUS,
539.981 AT 12:06 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 17 23 N
LONG 103 26 40 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED

DELARONDE LAKE NEAR BIG RIVER - STATION NO 05AE004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	492.858	492.888	---	492.689	492.666	---	---	1
2	---	---	---	---	---	492.887	492.896	---	492.699	---	---	---	2
3	---	---	---	---	---	492.878	492.901	492.814	492.715	492.723	---	---	3
4	---	---	---	---	---	492.875	492.892	492.818	492.678	492.671	---	---	4
5	---	---	---	---	---	492.875	492.882	492.817	492.661	---	---	---	5
6	---	---	---	---	---	492.873	492.802	492.808	492.705	---	---	---	6
7	---	---	---	---	---	492.897	492.864	492.837	---	---	---	---	7
8	---	---	---	---	---	492.938	492.857	492.806	492.715	---	---	---	8
9	---	---	---	---	---	492.916	492.872	492.810	492.710	---	---	---	9
10	---	---	---	---	---	492.912	492.861	492.731	492.697	492.596	---	---	10
11	---	---	---	---	---	492.912	492.870	492.816	492.695	492.607	---	---	11
12	---	---	---	---	---	492.907	492.854	492.797	492.713	492.661	---	---	12
13	---	---	---	---	---	492.901	492.844	---	492.707	492.628	---	---	13
14	---	---	---	---	---	492.867	492.894	---	492.705	492.650	---	---	14
15	---	---	---	---	---	492.897	492.874	492.771	492.690	492.686	---	---	15
16	---	---	---	---	---	492.920	492.894	492.785	492.686	492.678	---	---	16
17	---	---	---	---	---	---	492.852	492.765	492.684	492.683	---	---	17
18	---	---	---	---	---	492.934	492.876	492.761	492.691	492.691	---	---	18
19	---	---	---	---	---	492.912	492.861	492.786	492.719	492.699	---	---	19
20	---	---	---	---	---	492.902	492.877	492.769	492.690	492.701	492.710	---	20
21	---	---	---	---	---	492.927	492.858	492.783	492.696	492.699	---	---	21
22	---	---	---	---	---	492.936	492.861	492.721	---	492.695	---	---	22
23	---	---	---	---	492.873	492.900	492.850	492.706	492.698	492.689	---	---	23
24	---	---	---	---	492.892	492.906	---	492.759	492.689	---	---	---	24
25	---	---	---	---	492.883	492.917	492.848	492.746	492.686	---	---	---	25
26	---	---	---	---	492.877	---	492.840	492.733	492.699	---	---	---	26
27	---	---	---	---	492.873	492.884	492.827	---	---	---	---	---	27
28	---	---	---	---	492.877	492.894	492.830	---	492.686	---	---	---	28
29	---	---	---	---	492.828	492.874	492.847	492.779	492.686	---	---	---	29
30	---	---	---	---	492.885	492.884	---	492.736	492.663	---	---	---	30
31	---	---	---	---	492.856		---	492.706		---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 492.938 ON JUN 8

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 53 33 N
LONG 105 57 16 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DELLWOOD RESERVOIR AT PUMP STATION - STATION NO 05JJ008

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	528.922E	528.875	528.819E	528.814E	528.772	528.845	528.408E	529.185	528.921E	529.586	529.657E	529.610E	1
2	528.921E	528.874E	528.816	528.818	528.762	528.858E	529.400E	529.160E	528.915E	529.592	529.656	529.609E	2
3	528.920	528.873	528.815E	528.822E	528.761E	528.871	529.383	529.154	528.908E	529.672	529.653E	529.609	3
4	528.917	528.870E	528.813E	528.827	528.761E	528.907	529.373	529.152E	528.902	529.662E	529.649E	529.600	4
5	528.916E	528.867E	528.812	528.832E	528.755E	528.942	529.372	529.150E	528.899E	529.652	529.646	529.608	5
6	528.916	528.863	528.812E	528.837	528.750E	528.970	529.362	529.147E	528.897E	529.652E	529.644E	529.608E	6
7	528.914E	528.858E	528.812	528.841E	528.746	529.016E	529.355E	529.145	528.894	529.653E	529.642	529.607	7
8	528.913E	528.853	528.811	528.845E	528.748	529.061	529.349E	529.138	528.922	529.653E	529.641E	529.604E	8
9	528.912	528.852E	528.811E	528.850	528.725	529.079	529.342	529.129E	528.940	529.653	529.639	529.602E	9
10	528.911E	528.852	528.810E	528.852E	528.731E	529.107	529.333E	529.120	528.971	529.656E	529.638E	529.599	10
11	528.910E	528.851E	528.809E	528.854	528.736	529.129	529.324	529.112E	529.008E	529.658	529.638E	529.598E	11
12	528.908E	528.851E	528.808	528.852E	528.729E	529.155	529.317E	529.104E	529.044	529.657	529.635E	529.595	12
13	528.907	528.850	528.803E	528.850	528.723E	529.184	529.310	529.096	529.081	529.658E	529.633	529.597E	13
14	528.908E	528.847E	528.799	528.849E	528.716	529.211	529.302E	529.088E	529.091	529.656E	529.637	529.595	14
15	528.904E	528.844	528.787E	528.847E	528.712E	529.234	529.294E	529.079	529.108	529.655	529.634E	529.594E	15
16	528.902	528.842E	528.786	528.845	528.708	529.256	529.286	529.089E	529.134	529.667E	529.630	529.593E	16
17	528.901E	528.840	528.784E	528.838E	528.716E	529.282	529.279E	529.058	529.172	529.678	529.628E	529.592	17
18	528.900	528.839E	528.782E	528.830	528.724	529.314	529.272	529.052E	529.226E	529.680E	529.626E	529.591E	18
19	528.899E	528.838E	528.781	528.819	528.720E	529.334	529.263E	529.047E	529.279	529.681	529.624	529.589	19
20	528.899	528.838	528.784E	528.821E	528.715E	529.424	529.254	529.041	529.244	529.679E	529.623E	529.588E	20
21	528.895E	528.835E	528.777	528.824E	528.711E	529.403	529.246E	529.029E	529.312	529.677E	529.621	529.587	21
22	528.890E	528.833	528.773E	528.826E	528.706	529.425	529.239E	529.016	529.377	529.675	529.620E	529.587E	22
23	528.885	528.830E	528.769	528.829	528.700	529.435E	529.231	529.011E	529.417E	529.673E	529.619	529.586E	23
24	528.885E	528.828	528.780E	528.817E	528.698E	529.444E	529.228E	529.005	529.457	529.670	529.620E	529.585	24
25	528.884	528.825E	528.782E	528.808	528.691	529.454	529.220	528.986E	529.482	529.671E	529.620E	529.588E	25
26	528.883E	528.824E	528.804	528.813E	528.708	529.447E	529.208E	528.987E	529.484E	529.672	529.621	529.588E	26
27	528.881	528.822	528.803E	528.821	528.731	529.438	529.197	528.976	529.476	529.688E	529.619E	529.586	27
28	528.879E	528.822E	528.801	528.808E	528.761	529.430	529.191E	528.975E	529.506	529.684E	529.617E	529.587E	28
29	528.877E	528.822	528.804E	528.792E	528.771	529.423E	529.188E	528.971	529.525	529.680	529.615	529.587	29
30	528.875		528.805	528.777	528.814	529.415E	529.180	528.949E	529.548	529.659E	529.610	529.588E	30
31	528.875E		528.810E		528.830E		529.173E	528.927		529.657		529.588	31
MEAN	528.900	528.845	528.801	528.828	528.736	529.215	529.287	529.066	529.189	529.659	529.632	529.595	MEAN
MAX	528.922	528.875	528.819	528.854	528.830	529.454	529.408	529.185	529.548	529.681	529.657	529.610	MAX
MIN	528.875	528.822	528.769	528.777	528.691	528.845	529.173	528.927	528.894	529.586	529.610	529.588	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 529.146
MAXIMUM DAILY, 529.681 ON OCT 18
MINIMUM DAILY, 528.691 ON MAY 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 47 31 N
LONG 105 19 28 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DENNIEL CREEK NEAR VAL MARIE - STATION NO 11AC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.003B	0.004	0E	0	0	0	0	0	---	---	1
2	---	---	0.004B	0.003	0	0	0	0	0	0	---	---	2
3	---	---	0.004B	0.004	0	0	0	0	0	0	---	---	3
4	---	---	0.004B	0.004	0	0	0	0	0	0	---	---	4
5	---	---	0.004B	0.004	0	0	0	0	0	0	---	---	5
6	---	---	0.005B	0.002	0	0	0	0	0	0	---	---	6
7	---	---	0.006B	0.004	0	0	0	0	0	0	---	---	7
8	---	---	0.005B	0.004	0	0	0	0	0	0	---	---	8
9	---	---	0.005B	0.006	0	0	0	0	0	0	---	---	9
10	---	---	0.004B	0.004	0	0	0	0	0	0	---	---	10
11	---	---	0.003B	0.002	0	0	0	0	0	0	---	---	11
12	---	---	0.002B	0.001	0	0	0	0	0	0	---	---	12
13	---	---	0.004B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0.005B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0.003B	0.001A	0	0	0	0	0	0	---	---	15
16	---	---	0.004B	0.001E	0	0	0	0	0	0	---	---	16
17	---	---	0.003B	0 E	0	0	0	0	0	0	---	---	17
18	---	---	0.004B	0 E	0	0	0	0	0	0	---	---	18
19	---	---	0.005B	0 E	0	0	0	0	0	0	---	---	19
20	---	0.001B	0.006B	0 E	0	0	0	0	0	0	---	---	20
21	---	0.002B	0.006B	0 E	0	0	0	0	0	0	---	---	21
22	---	0.003B	0.005B	0 E	0	0	0	0	0	0	---	---	22
23	---	0.001B	0.006B	0 E	0	0	0	0	0	0	---	---	23
24	---	0.001B	0.006B	0 E	0	0	0	0	0	0	---	---	24
25	---	0.001B	0.006B	0 E	0	0	0	0	0	0	---	---	25
26	---	0.001B	0.005B	0 E	0	0	0	0	0	0	---	---	26
27	---	0.002B	0.004B	0 E	0	0	0	0	0	0	---	---	27
28	---	0.001B	0.002B	0 E	0	0	0	0	0	0	---	---	28
29	---	0.002B	0.003B	0 E	0	0	0	0	0	0	---	---	29
30	---		0.004B	0 A	0	0	0	0	0	0	---	---	30
31	---		0.003B		0		0	0		0		---	31
TOTAL	---	---	0.133	0.046	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.004	0.002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.006	0.006	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0.002	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.006B ON MAR 7
MINIMUM DAILY, 0E ON APR 17
MAXIMUM INSTANTANEOUS,
0.009B AT 00:20 CST ON MAR 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 26 N
LONG 107 42 12 W
DRAINAGE AREA, 494 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	11.5	SEP	0
APR	3.97	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 15.5 dam^3

DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD - STATION NO 05KF003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	325.156	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	325.158	---	---	---	---	---	---	3
4	---	---	---	---	---	325.160	---	---	---	---	---	---	4
5	---	---	---	---	---	325.156	---	---	---	---	---	---	5
6	---	---	---	---	---	325.156	---	---	---	---	---	---	6
7	---	---	---	---	---	325.168	---	---	---	---	---	---	7
8	---	---	---	---	---	325.178	---	---	---	---	---	---	8
9	---	---	---	---	---	325.186	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	325.175	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	324.991	325.175	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	325.037	325.185	---	---	---	---	---	---	18
19	---	---	---	---	325.029	325.197	---	---	---	---	---	---	19
20	---	---	---	---	325.057	325.225	---	---	---	---	---	---	20
21	---	---	---	---	325.079	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	324.868	---	22
23	---	---	---	---	325.089	---	---	---	---	---	---	---	23
24	---	---	---	---	325.100	---	---	---	---	---	---	---	24
25	---	---	---	---	325.106	---	---	---	---	---	---	---	25
26	---	---	---	---	325.102	---	---	---	---	---	---	---	26
27	---	---	---	---	325.130	---	---	---	---	---	---	---	27
28	---	---	---	---	325.133	---	---	---	---	---	---	---	28
29	---	---	---	---	325.142	---	---	---	---	---	---	---	29
30	---		---	---	325.156	---	---	324.878	---	---	---	---	30
31	---		---		325.168		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 40 00 N
LONG 103 24 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

DESCHARME RIVER BELOW DUPRE LAKE - STATION NO. 07CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 22	8 11	8 09	9 05	10 5	10 1	8.97	8.82	10.6	7.83	8 51	8 62	1
2	8.55	8.09	8 05	8 37	10 5	10 2	8.97	8.78	10.5	7.89	8.58	8 50	2
3	8.54	8.08	8 03	10 4	10 5	10 3	8.89	8.58	10.5	7.84	8.59	8 60	3
4	8.47	7 81	7 89	11 4	10 5	10 4	8.86	8.58	10.4	7.74	8.65	8 50	4
5	8 69	8 08	7 91	12 0	10 2	10 7	8.86	8 53	10.3	7.74	8 61	8 38	5
6	8 87	8 10	7 47	12 3	9 68	10 7	8.80	8 57	10.3	7 86	8 49	8 80	6
7	8 42	8 17	7 71	13 2	9 77	10 6	9.07	8 89	10.1	7 83	8 52	8 88	7
8	8 34	8 25	7 91	14 3	9 97	10 3	9.49	8 71	9 95	7 83	8 40	8 76	8
9	8 16	8 24	7 79	15 2	10 0	10 3	9 53	8 77	9 83	7.62	8 45	8 58	9
10	8 02	8 19	7 63	14 8	9 85	10 1	9.64	9 86	9 82	7 58	8 46	8 62	10
11	8 02	8 03	7 51	14 7	8 39	9 74	9.78	10 0	9 84	7.57	8 47	8 73	11
12	8 01	8 02	7 40	14 8	8 28	9 72	9 89	10 1	9 72	7.59	8 50	8.67	12
13	7 84	8 11	7 25	14 6	8 32	9 50	10 2	10.7	9 63	7 71	8 53	8 37	13
14	7 73	8 13	7 04	14 0	8 22	9 99	10.4	11 3	9 43	7.82	8 56	8 33	14
15	7 77	8 13	6 87	13 6 A	8 34	9 65	10 5	11 2	9.30	7.98	8.30	8 12	15
16	7 75	8 15	6 85	13 5 A	9 61	9 28	10.4	11 2	9 29	8.20	8 08	7 76	16
17	7 75	8 25	6 89	13 3	9 82	9 30	10 4	11 4	9.31	8 70	7.95	7 58	17
18	7 73	8 25	6 85	13 2	9 98	9 35	10.3	11 6	9 16	9 21	7 98	7 58	18
19	7 77	8 26	6 74	13.2	10 1	9 30	10 0	11 7	9 16	9 31	8 03	7 51	19
20	7 88	8 37	6 89	13 5	10 4	9 33	9 89	11 7	9 01	9.30	8 15	7 49	20
21	8 05	8 51	6 84	13 8	10 5	9 41	9.84	11 8	8 94	9 44	8 37	7 38	21
22	8 04	8 29	6 50	13 8	10 6	9 41	9 82	11 8	8 78	9 57	8 37	7 32	22
23	8 14	8 30	6 51	13 9	10 6	9 39	9 66	11 7	8 80	9 85	8 40	7 31	23
24	8 16	8 23	6 62	13 6	10 4	9 31	9 58	11 5	8 48	9 55	8 52	7 32	24
25	8 20	8 23	6 78	12 5	10 3	9 50	9 43	11 3	8 44	9 44	8 47	7.45	25
26	8 21	8 09	6 98	12 1	10 2	9 52	9 22	11 2	8 29	9 61	8 45	7 46	26
27	8 28	8 08	7 18	12 1	10 0	9 50	9 21	11 1	8 16	8 16	8 47	7 43	27
28	8 42	8 10	7 47	11 3	9 75	9 31	9 20	11 1	8 02	7 95	8 49	7 44	28
29	8 41	8 10	7 79	11 1	9 75	9 22	9 05	11 0	7 86	7 52	8 54	7 40A	29
30	8 21		8 19	10 8	9 46	9 11	9 05	10 9	7 86	8 01	8 57	7 40E	30
31	8 16		8 65		9 91		8 95	10 7		8 47		7 40E	31
TOTAL	252 60	236 74	227 88	385 42	309 40	292 54	295 86	322 99	278 68	257 40	252 66	247 49	TOTAL
MEAN	8 15	8 16	7 35	12 8	9 98	9 75	9 54	10 4	9 32	8 30	8 42	7 98	MEAN
MAX	8 69	8 51	8 65	15 2	10 6	10 7	10 5	11 8	10 6	9 85	8 66	8 88	MAX
MIN	7 73	7 81	6 50	9 05	9 22	9 11	8 80	8 53	7 86	7 45	7 95	7 31	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 12
MAXIMUM DAILY, 15 2 ON APR 9
MINIMUM DAILY, 6 50 ON MAR 22
MAXIMUM INSTANTANEOUS,
15 3 AT 19 53 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 07 23 N
LONG 109 13 38 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 800	JUL	25 600
FEB	20 500	AUG	27 900
MAR	19 700	SEP	24 200
APR	33 300	OCT	22 200
MAY	26 700	NOV	21 800
JUN	25 300	DEC	21 400

TOTAL DISCHARGE, 290 000 dam³

DOGHIDE RIVER NEAR RUNCIMAN - STATION NO. 05KB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1 05 B	0 187	1 06	0 580E	0 004	0	0	---	---	1
2	---	---	0 B	1 89 B	0 189	0 924	0 410E	0 004	0	0	---	---	2
3	---	---	0 B	3 01 B	0 193	0 770	0 300E	0 005	0	0	---	---	3
4	---	---	0 B	4 05 B	0 150	0 740	0 240E	0 010	0	0	---	---	4
5	---	---	0 B	4 52 B	0 145	0 670	0 180E	0 010	0	0	---	---	5
6	---	---	0 B	8 31 B	0 138	0 573	0 110E	0 004	0	0	---	---	6
7	---	---	0 B	10 4	0 173	0 963	0 080E	0 002	0	0	---	---	7
8	---	---	0 B	9 01	0 176	4 74	0 038E	0 002	0	0	---	---	8
9	---	---	0 B	7 88	0 179	2 91	0 031A	0	0	0	---	---	9
10	---	---	0 B	6 02	0 233	2 42	0 032	0	0	0	---	---	10
11	---	---	0 B	5 19	0 749	2 23	0 029	0	0	0 012	---	---	11
12	---	---	0 B	4 44	0 950	2 15	0 026	0	0	0 031	---	---	12
13	---	---	0 B	3 48	0 705	2 22	0 027	0	0	0 030	---	---	13
14	---	---	0 B	2 73	0 584	2 09	0 026	0	0	0 029	---	---	14
15	---	---	0 B	2 34	0 523	1 96	0 023	0	0	0 030	---	---	15
16	---	---	0 B	2 02	0 480	1 72	0 020	0 004	0	0 045	---	---	16
17	---	---	0 B	1 69	0 819	1 51	0 018	0 006	0	0 062	---	---	17
18	---	---	0 B	1 41	4 14	1 52	0 014	0 005	0	0 058	---	---	18
19	---	---	0 B	1 29	2 59	1 77	0 012	0 003	0	0 045	---	---	19
20	---	---	0 B	1 05	2 06	1 47	0 008	0 003	0	0 042	---	---	20
21	---	---	0 B	0 797	1 81	4 14	0 007	0 002	0	0 048	---	---	21
22	---	---	0 0258	0 504	1 50	14 8	0 010	0 001	0	0 049	---	---	22
23	---	---	0 0508	0 402	1 32	10 4	0 008	0	0	0 042	---	---	23
24	---	---	0 0908	0 361	1 37	6 32	0 007	0	0	0 0428	---	---	24
25	---	---	0 1208	0 376	1 88	5 13	0 007	0	0	0 0398	---	---	25
26	---	---	0 1508	0 426	1 78	2 64	0 007	0	0	0 0378	---	---	26
27	---	---	0 2008	0 358	1 91	1 41 A	0 008	0	0	0 0358	---	---	27
28	---	---	0 2368	0 276	1 97	1 80 E	0 006	0	0	0 0348	---	---	28
29	---	---	0 3138	0 217	1 60	1 20 E	0 005	0	0	0 0338	---	---	29
30	---		0 3578	0 205	1 34	0 850E	0 004	0	0	0 0348	---	---	30
31	---		0 5088		1 28		0 003	0		0 0308		---	31
TOTAL	---	---	2 059	85 802	33 023	83 100	2.236	0 085	0	0 807	---	---	TOTAL
MEAN	---	---	0 066	2 86	1 07	2 77	0 072	0 002	0	0 026	---	---	MEAN
MAX	---	---	0 508	10 4	4 14	14 8	0 580	0 010	0	0 082	---	---	MAX
MIN	---	---	0	0 205	0 138	0 573	0 003	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 845
MAXIMUM DAILY, 14 8 ON JUN 22
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
17 5 AT 15 13 CST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 15 N
LONG 104 04 55 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	193
FEB	---	AUG	5 62
MAR	178	SEP	0
APR	7 410	OCT	69 7
MAY	2 850	NOV	---
JUN	7 180	DEC	---

TOTAL DISCHARGE, 17 900 dam³

DORE LAKE AT DORE LAKE - STATION NO. 05AG003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	28.402	---	---	---	---	1
2	---	---	---	---	---	---	---	28.404	---	---	---	---	2
3	---	---	---	---	28.326	---	---	28.402	---	---	---	---	3
4	---	---	---	---	---	28.437	28.424	---	---	---	---	---	4
5	---	---	---	---	---	28.437	---	---	---	---	---	---	5
6	---	---	---	---	---	28.437	28.382	---	---	---	---	---	6
7	---	---	---	---	---	28.437	---	28.402	---	---	---	---	7
8	---	---	---	---	---	28.437	---	28.402	---	---	---	---	8
9	---	---	---	---	---	---	28.413	---	---	---	---	---	9
10	---	---	---	---	---	---	28.413	---	28.337	---	---	---	10
11	---	---	---	---	---	28.437	28.513	---	---	---	---	---	11
12	---	---	---	---	---	28.437	---	---	---	---	---	---	12
13	---	---	---	---	---	28.441	---	28.380	---	---	---	---	13
14	---	---	---	---	---	28.437	---	28.370	---	---	---	---	14
15	---	---	---	---	---	---	---	28.359	---	---	---	---	15
16	---	---	---	---	---	---	28.413	---	---	---	---	---	16
17	---	---	---	---	---	---	28.393	---	28.281	---	---	---	17
18	---	---	---	---	---	28.437	28.393	---	28.255	---	---	---	18
19	---	---	---	---	---	---	---	---	28.255	---	---	---	19
20	---	---	---	---	---	28.456	---	---	---	---	28.218	---	20
21	---	---	---	---	---	28.456	---	---	---	---	---	---	21
22	---	---	---	---	---	28.456	---	---	---	---	---	---	22
23	---	---	---	---	28.434	---	28.423	28.361	---	---	---	---	23
24	---	---	---	---	28.428	---	28.423	28.359	---	---	---	---	24
25	---	---	---	---	28.428	28.456	28.427	---	---	---	---	---	25
26	---	---	---	---	---	28.456	---	---	28.255	---	---	---	26
27	---	---	---	---	---	28.452	---	28.337	---	---	---	---	27
28	---	---	---	---	28.432	28.442	---	---	---	---	---	---	28
29	---	---	---	---	28.418	---	---	---	---	---	---	---	29
30	---		---	---	28.428	---	28.422	---	28.255	---	---	---	30
31	---		---		28.436		28.422	---		---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 37 43 N
LONG 107 23 41 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

DORE RIVER NEAR THE MOUTH - STATION NO 05AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.538B	0.663B	0.707B	2.24B	3.95	12.0	2.42	1.38	0.516	0.842	0.979B	0.652B	1
2	0.568B	0.671B	0.674B	2.22B	3.91	11.9	2.17	1.31	0.636	0.858	0.743B	0.655B	2
3	0.592B	0.677B	0.693B	2.38B	3.91	11.4	2.45	1.26	0.710	0.817	0.628B	0.659B	3
4	0.595B	0.651B	0.678B	2.43B	3.87	11.0	2.26	1.20	0.688	0.787	0.649B	0.655B	4
5	0.590B	0.642B	0.671B	2.62B	3.92	10.4	2.22	1.18	0.625	0.801	0.642B	0.652B	5
6	0.581B	0.631B	0.659B	2.44B	3.86	9.83	2.19	1.15	0.638	0.857	0.630B	0.649B	6
7	0.595B	0.608B	0.699B	2.41B	3.86	9.33	2.43	1.25	0.949	0.853	0.622B	0.647B	7
8	0.593B	0.586B	0.712B	2.31B	3.92	9.24	2.28	1.28	1.25	0.815	0.623B	0.647B	8
9	0.580B	0.609B	0.684B	2.58B	4.10	9.03	2.15	1.18	1.29	0.851	0.648B	0.645B	9
10	0.561B	0.641B	0.678B	2.43B	4.54	8.13	2.15	1.15	1.20	0.884	0.641B	0.648B	10
11	0.510B	0.649B	0.718B	2.83B	4.54	7.30	2.05	1.11	1.08	0.849	0.630B	0.655B	11
12	0.541B	0.651B	0.747B	2.97B	4.29	7.03	1.87	1.07	1.04	0.831	0.633B	0.659B	12
13	0.539B	0.680B	0.723B	3.46B	4.14	6.77	1.88	1.02	0.961	0.827	0.632B	0.648B	13
14	0.538B	0.679B	0.707B	4.23B	4.23	6.28	1.98	1.07	0.988	0.912	0.644B	0.636B	14
15	0.579B	0.688B	0.667B	4.06	4.43	5.81	2.13	1.00	0.929	0.908	0.645B	0.624B	15
16	0.588B	0.702B	0.680B	4.06	5.11	5.51	1.88	0.914	0.903	1.02	0.631B	0.626B	16
17	0.579B	0.703B	0.709B	4.05	8.75	6.26	1.81	0.929	0.851	1.27	0.585B	0.613B	17
18	0.584B	0.689B	0.730B	4.14	15.7	6.32	1.78	0.910	0.784	1.51	0.567B	0.604B	18
19	0.607B	0.691B	0.741B	4.32	15.5	5.72	1.84	0.895	0.763	1.70	0.552B	0.601B	19
20	0.582B	0.703B	0.756B	4.53	16.1	5.52	2.37	0.919	0.759	1.89	0.571B	0.595B	20
21	0.578B	0.704B	0.816B	4.48	19.3	5.24	3.10	0.887	0.787	1.86	0.586B	0.591B	21
22	0.568B	0.701B	0.895B	4.44	21.6	4.75	2.77	0.800	0.953	1.85	0.585B	0.580B	22
23	0.584B	0.698B	0.923B	4.33	21.5	4.43	2.40	0.794	1.15	1.85	0.584B	0.587B	23
24	0.588B	0.675B	0.928B	4.32	20.4	4.14	2.23	0.811	1.12	1.81	0.592B	0.594B	24
25	0.585B	0.643B	1.22 B	4.28	19.1	3.88	2.10	0.852	1.01	1.47 B	0.594B	0.569B	25
26	0.572B	0.607B	1.94 B	4.31	17.4	3.55	1.94	0.832	0.932	1.47 B	0.624B	0.535B	26
27	0.573B	0.590B	1.79 B	4.27	15.9	3.34	1.79	0.730	0.923	1.48 B	0.658B	0.501B	27
28	0.569B	0.645B	1.50 B	4.20	14.8	3.26	1.64	0.720	0.879	1.47 B	0.657B	0.461B	28
29	0.618B	0.713B	1.99 B	4.14	13.8	3.09	1.55	0.677	0.848	1.22 B	0.655B	0.449B	29
30	0.636B		2.18 B	3.95	12.9	2.82	1.49	0.687	0.811	1.08 B	0.650B	0.425B	30
31	0.663B		2.10 B		12.3		1.44	0.574		1.03 B		0.398B	31
TOTAL	17.928	19.206	30.317	105.45	311.35	203.32	84.82	30.851	26.975	35.733	19.080	18.484	TOTAL
MEAN	0.578	0.662	0.978	3.52	10.0	6.78	2.08	0.995	0.899	1.15	0.636	0.596	MEAN
MAX	0.663	0.713	2.18	4.53	21.6	12.0	3.10	1.38	1.29	1.70	0.879	0.659	MAX
MIN	0.510	0.586	0.659	2.22	3.86	2.82	1.44	0.574	0.516	0.787	0.552	0.398	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.41
MAXIMUM DAILY 21.6 ON MAY 22
MINIMUM DAILY 0.398B ON DEC 31
MAXIMUM INSTANTANEOUS
21.8 AT 00:11 CST ON MAY 23

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 49 N
LONG 107 44 37 W
DRAINAGE AREA 2 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 550	JUL	5 580
FEB	1 660	AUG	2 660
MAR	2 620	SEP	2 330
APR	9 110	OCT	3 090
MAY	26 900	NOV	1 650
JUN	17 600	DEC	1 600

TOTAL DISCHARGE 75 300 dam³

DOUGLAS RIVER NEAR CLUFF LAKE - STATION NO. 07MA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.13B	6.08B	5.37	5.86	8.78E	7.47	7.31	11.6	13.5	10.2	12.7	11.7	1
2	6.21B	6.09B	5.28	6.21	8.51E	7.59	7.30	11.0	14.0	10.3	12.3	11.6	2
3	6.11B	6.01B	5.28	6.46	8.30E	7.72	7.28	10.4	14.7	10.3	12.3	11.5	3
4	6.10B	6.03B	5.61	6.74	8.07E	8.13	7.26	10.1	15.1	10.2	12.5	11.5	4
5	6.14B	6.15B	5.49	7.27	7.91E	8.45	7.27	10.1	15.3	10.3	12.6	11.3	5
6	6.07B	6.18B	5.50	7.61	7.77E	8.63	7.24	9.80	15.5	10.4	12.2	11.2	6
7	6.06B	6.23B	5.53	7.89	7.66E	8.67	7.17	9.64	15.2	10.4	12.4	11.3	7
8	6.11B	6.27B	5.59	8.35	7.45E	8.43	7.81	10.0	15.1	10.4	13.0	11.1	8
9	6.07B	6.13B	5.67	8.63	7.38E	8.34	8.20	9.95	14.9	10.4	13.2	11.1	9
10	6.10B	6.07B	6.01	9.07	7.32E	8.14	8.55	9.93	14.7	10.3	13.3	11.0	10
11	6.13B	6.09B	6.05	9.27	7.38E	7.98	8.98	10.0	14.4	10.3	13.3	10.9	11
12	6.14B	6.21	6.10	9.35	7.38E	7.76	9.35	9.96	14.1	10.4	13.3	10.8	12
13	6.09B	6.23	6.10	9.56	7.41E	7.57	9.47	10.0	13.8	10.7	13.4	10.8	13
14	6.11B	6.16	6.20	9.81	7.53A	7.53	9.60	11.3	13.4	10.9	13.3	10.88	14
15	6.15B	6.07	6.35	10.1	7.42E	7.37	9.70	11.2	13.1	11.2	13.3	10.98	15
16	6.09B	5.95	6.65	10.5	7.30E	7.24	9.83	11.2	12.9	11.6	13.2	10.88	16
17	6.02B	5.84	6.72	10.9	7.37E	7.06	9.84	11.3	12.7	12.2	13.0	10.88	17
18	6.08B	5.84	6.96	11.3	7.61E	7.07	9.88	11.6	12.6	13.0	12.8	10.88	18
19	6.06B	5.81	7.12	11.3 A	7.82E	7.10	9.48	12.3	12.3	13.9	12.9	10.88	19
20	6.13B	5.83	7.12	11.3 A	7.81E	7.14	9.16	12.4	12.2	14.7	13.0	10.98	20
21	6.09B	5.47	6.87	11.1 E	7.87A	7.40	9.06	12.6	11.8	15.6	13.1	11.08	21
22	6.12B	5.42	6.57	10.9 E	7.84E	7.58	10.3	12.9	11.5	16.8	13.1	11.08	22
23	6.17B	5.32	6.32	10.7 E	7.68E	7.47	10.9	13.1	11.3	17.6	13.1	10.98	23
24	6.14B	5.25	6.06	10.9 E	7.56A	7.41	11.4	13.2	11.1	18.1	12.9	11.08	24
25	6.10B	5.17	5.93	10.6 E	7.37	7.43	12.1	13.2	10.9	18.1	12.5	11.08	25
26	6.06B	5.26	5.77	10.2 A	7.21	7.53	12.8	12.9	10.7	18.1	12.3	10.98	26
27	6.11B	5.32	5.60	9.87	7.03	7.31	13.3	12.6	10.6	15.6	12.0	11.08	27
28	6.12B	5.29	5.52	9.54A	6.90	7.14	13.5	12.4	10.5	13.2	11.8	10.98	28
29	6.09B	5.31	5.47	9.17E	6.79	7.06	13.3	12.5	10.4	13.6	11.8	10.98	29
30	6.06B		5.53	8.94E	6.63	7.27	12.8	12.8	10.4	12.0	11.8	10.98	30
31	6.12B		5.67		6.70		12.2	13.1		12.6		10.88	31
TOTAL	189.30	166.55	186.04	279.52	233.64	228.89	302.15	354.92	388.7	393.4	382.4	341.9	TOTAL
MEAN	6.11	5.81	6.00	9.32	7.54	7.63	9.75	11.4	13.0	12.7	12.7	11.0	MEAN
MAX	6.21	6.27	7.12	11.3	8.78	8.63	13.5	13.2	15.5	18.1	13.4	11.7	MAX
MIN	6.02	5.17	5.28	6.86	6.63	7.06	7.17	9.80	10.4	10.2	11.8	10.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.42
MAXIMUM DAILY, 18.1 ON OCT 24
MINIMUM DAILY, 5.17 ON FEB 25
MAXIMUM INSTANTANEOUS,
18.2 AT 22:20 CST ON OCT 24

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 19 20 N
LONG 105 47 10 W
DRAINAGE AREA, 1 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 400	JUL	26 100
FEB	14 600	AUG	30 700
MAR	16 100	SEP	33 600
APR	24 200	OCT	34 000
MAY	20 200	NOV	33 000
JUN	19 800	DEC	29 500

TOTAL DISCHARGE, 298 000 dam³

DOWNIE LAKE INFLOW CANAL - STATION NO. 05HA070

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.068	0.026	0	0	0	0	0	---	---	1
2	---	---	0 B	0.068	0.020	0	0	0	0	0	---	---	2
3	---	---	0 B	0.058	0.017	0	0	0	0	0	---	---	3
4	---	---	0 B	0.108	0.017	0	0	0	0	0	---	---	4
5	---	---	0 B	0.289	0.018	0	0	0	0	0	---	---	5
6	---	---	0 B	0.553	0.021	0	0	0	0	0	---	---	6
7	---	---	0 B	0.724	0.033	0	0	0	0	0	---	---	7
8	---	---	0 B	0.697	0.038	0	0	0	0	0	---	---	8
9	---	---	0 B	0.646	0.045	0	0	0	0	0	---	---	9
10	---	---	0 B	0.834	0.042	0	0	0	0	0	---	---	10
11	---	---	0 B	0.648	0.038	0	0	0	0	0	---	---	11
12	---	---	0 B	0.378	0.031	0	0	0	0	0	---	---	12
13	---	---	0 B	0.185	0.025	0	0	0	0	0	---	---	13
14	---	---	0 B	0.085	0.021	0	0	0	0	0	---	---	14
15	---	---	0 B	0.052	0.021	0	0	0	0	0	---	---	15
16	---	---	0 B	0.038	0.305	0	0	0	0	0	---	---	16
17	---	---	0 B	0.122	0.587	0	0	0	0	0	---	---	17
18	---	---	0 B	0.307	0.369	0	0	0	0	0	---	---	18
19	---	---	0 B	0.259	0.246	0	0	0	0	0	---	---	19
20	---	---	0 B	0.164	0.150	0	0	0	0	0	---	---	20
21	---	---	0 B	0.096	0.073	0	0	0	0	0	---	---	21
22	---	---	0 1798	0.076	0.037	0	0	0	0	0	---	---	22
23	---	---	0 4098	0.063	0.022	0	0	0	0	0	---	---	23
24	---	---	0 5028	0.052	0.014	0	0	0	0	0	---	---	24
25	---	---	0 3768	0.047	0.008	0	0	0	0	0	---	---	25
26	---	---	0 3048	0.051	0.004	0	0	0	0	0	---	---	26
27	---	---	0 2028	0.081	0.003	0	0	0	0	0	---	---	27
28	---	---	0 1808	0.060	0.003	0	0	0	0	0	---	---	28
29	---	---	0 1088	0.049	0.001	0	0	0	0	0A	---	---	29
30	---		0 118	0.038	0.001	0	0	0	0	0E	---	---	30
31	---		0 123		0		0	0		0E		---	31
TOTAL	---	---	2 481	6.896	2.234	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 080	0.230	0.072	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 502	0.834	0.587	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.038	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.047
MAXIMUM DAILY, 0.834 ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.867 AT 12:20 CST ON APR 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 08 N
LONG 109 39 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	214	SEP	0
APR	596	OCT	0
MAY	193	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 000 dam³

DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK - STATION NO 05HA084

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	876.492	876.614	876.689	875.439	875.318	875.108	874.851	874.628	---	---	1
2	---	---	876.491	876.616	876.682	875.430	875.308	875.106	874.850	874.626	---	---	2
3	---	---	876.490	876.617	876.681	875.420	875.301	875.108	874.645	874.625	---	---	3
4	---	---	876.490	876.619	876.678	875.419	875.293	875.105	874.634	874.624	---	---	4
5	---	---	876.491	876.623	876.676	875.418	875.288	875.103	874.632	874.626	---	---	5
6	---	---	876.493	876.633	876.646	875.419	875.280	875.098	874.626	874.617	---	---	6
7	---	---	876.490	876.648	876.595	875.418	875.275	875.089	874.884	874.617	---	---	7
8	---	---	876.486	876.664	876.523	875.416	875.268	875.084	874.649	874.609	---	---	8
9	---	---	876.487	876.685	876.451	875.408	875.260	875.066	874.643	874.608	---	---	9
10	---	---	876.486	876.698	876.384	875.405	875.254	875.054	874.648	874.603	---	---	10
11	---	---	876.484	876.711	876.279	875.403	875.249	875.054	874.648	874.601	---	---	11
12	---	---	876.485	876.719	876.200	875.398	875.243	875.048	874.653	874.607	---	---	12
13	---	---	876.488	876.723	876.114	875.390	875.237	875.045	874.642	874.599	---	---	13
14	---	876.512A	876.493	876.722	876.031	875.389	875.228	875.035	874.641	874.593	---	---	14
15	---	876.510	876.494	876.716	875.981	875.391	875.223	875.018	874.630	874.595	---	---	15
16	---	876.508	876.497	876.717	875.897	875.391	875.217	875.018	874.637	874.613	---	---	16
17	---	876.507	876.495	876.712	875.820	875.384	875.196	875.002	874.633	874.594	---	---	17
18	---	876.507	876.494	876.712	875.742	875.377	875.188	874.989	874.626	874.600	---	---	18
19	---	876.505	876.494	876.715	875.662	875.373	875.179	874.976	874.627	874.599	---	---	19
20	---	876.506	876.494	876.714	875.610	875.361	875.172	874.957	874.623	874.600	---	---	20
21	---	876.508	876.492	876.711	875.562	875.360	875.165	874.951	874.640	874.597	---	---	21
22	---	876.503	876.499	876.715	875.513	875.381	875.150	874.921	874.658	874.597	---	---	22
23	---	876.489	876.507	876.712	875.467	875.377	875.142	874.905	874.640	874.596	---	---	23
24	---	876.487	876.528	876.703	875.457	875.373	875.135	874.872	874.638	874.597	---	---	24
25	---	876.498	876.556	876.708	875.450	875.371	875.134	874.832	874.636	874.599	---	---	25
26	---	876.496	876.574	876.714	875.445	875.363	875.126	874.791	874.635	874.600	---	---	26
27	---	876.495	876.586	876.708	875.448	875.360	875.113	874.740	874.632	874.599	---	---	27
28	---	876.489	876.594	876.698	875.457	875.350	875.112	874.704	874.626	874.598	---	---	28
29	---	876.493	876.602	876.696	875.454	875.339	875.108	874.667	874.630	874.598A	---	---	29
30	---		876.605	876.692	875.452	875.328	875.110	874.650	874.625	874.599E	---	---	30
31	---		876.609		875.448		875.114	874.642		874.599E	---	---	31
MEAN	---	---	876.515	876.668	875.982	875.390	875.206	874.959	874.639	874.605	---	---	MEAN
MAX	---	---	876.609	876.723	876.689	875.439	875.318	875.109	874.664	874.626	---	---	MAX
MIN	---	---	876.484	876.614	875.445	875.328	875.106	874.642	874.623	874.593	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 876.723 ON APR 13

MAXIMUM INSTANTANEOUS,
876.732 AT 18.29 CST ON APR 13

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 01 N
LONG 109 40 49 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
25.1 km²

DRAGLINE CHANNEL NEAR SQUAW RAPIDS - STATION NO 05XH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5238	0.6508	0.7048	0.6168	1.54	1.21	1.66	0.388	0.375	0.430	0.6748	0.6728	1
2	0.5038	0.5748	0.5738	0.6418	1.80	0.980	0.628	0.278	0.389	0.481	0.6308	0.7008	2
3	0.4888	0.6408	0.4878	0.6548	1.55	0.777	0.367	0.302	0.500	0.483	0.6598	0.7158	3
4	0.5818	0.6348	0.4568	0.6628	1.44	0.721	1.07	0.276	0.514	0.505	0.6088	0.8688	4
5	0.6288	0.9578	0.5428	0.6558	1.55	0.859	0.122	0.162	0.556	0.668	0.6088	0.8148	5
6	0.6038	0.7518	0.5488	0.6628	1.34	0.718	0.483	0.111	0.823	0.733	0.6898	0.7978	6
7	0.6008	0.6748	0.6748	0.6628	1.05	0.688	0.219	0.112	0.686	0.708	0.6698	0.7328	7
8	0.7158	0.6258	0.6138	0.6178	1.57	0.638	0.264	0.189	0.714	0.648	0.6488	0.4078	8
9	0.6458	0.6128	0.5918	0.5698	1.82	0.556	0.246	0.237	0.785	0.719	0.6298	0.3868	9
10	0.7708	0.5958	0.6948	0.5738	1.12	0.452	0.203	0.323	0.716	0.756	0.6468	0.4088	10
11	0.7618	0.5588	0.7358	0.5348	0.945	0.391	0.209	0.399	0.690	0.779	0.5608	0.4578	11
12	0.7198	0.5218	0.7028	0.5708	1.10	0.339	0.189	0.400	0.796	0.697	0.5348	0.6408	12
13	0.7108	0.5408	0.7038	0.6768	0.688	0.473	0.279	0.382	0.816	0.732	0.5668	0.6848	13
14	0.7388	0.6368	0.5758	1.11 B	0.957	0.320	0.201	0.071	0.813	0.586	0.5088	0.7378	14
15	0.7568	0.5888	0.7258	1.15 B	1.51	0.325	0.162	0.078	0.734	0.715	0.5748	0.7588	15
16	0.7558	0.5068	0.7208	1.14 B	1.43	0.496	0.176	0.154	0.810	0.695	0.6228	0.6618	16
17	0.7788	0.4928	0.6978	1.06 B	1.13	0.517	0.235	0.207	0.579	0.532	0.7258	0.6798	17
18	0.7728	0.5298	0.5978	1.01 B	1.39	0.353	0.199A	0.274	0.683	0.548	0.6678	0.7778	18
19	0.7058	0.5918	0.5108	0.843	0.538	0.362	0.486	0.236	0.438	0.568	0.6618	0.8618	19
20	0.7378	0.5388	0.4628	0.678	1.22	1.43	0.468	0.182	0.255	0.568	0.5848	0.8058	20
21	0.7228	0.6368	0.5888	0.472	1.17	1.70	0.477	0.183	0.138	0.624	0.4948	0.6898	21
22	0.6528	0.5908	0.8548	0.411	0.932	1.85	0.414	0.164	0.092	0.577	0.5638	0.6748	22
23	0.6188	0.5238	0.7608	0.400	1.05	1.78	0.348	0.202	0.045	0.518	0.5338	0.9498	23
24	0.6438	0.6088	0.6908	0.458	0.779	1.43	0.546	0.363	0.036	0.459	0.3848	0.9518	24
25	0.7148	0.5488	0.6378	0.441	0.974	0.582	0.604	0.360	0.018	0.490	0.3618	0.8128	25
26	0.6088	0.8098	0.7108	0.418	1.08	1.91	0.606	0.375	0.015	0.517	0.4088	0.5088	26
27	0.6468	0.6278	0.9408	1.13	0.981	1.90	0.539	0.380	0.100	0.552	0.6428	0.1738	27
28	0.6328	0.5838	0.7708	1.85	0.973	1.85	0.473	0.455	0.307	0.555	0.6718	0.0878	28
29	0.6088	0.6248	0.7198	1.25	1.18	2.10	0.518	0.507	0.234	0.6708	0.6708	0.4488	29
30	0.5808		0.6578	1.19	1.19	1.97	0.544	0.312	0.334	0.9658	0.6668	0.8218	30
31	0.5838		0.6028		1.18		0.433	0.341		0.8218		0.7318	31
TOTAL	20.493	17.550	20.335	23.412	36.977	29.677	13.349	8.401	13.589	18.800	17.851	20.901	TOTAL
MEAN	0.661	0.805	0.656	0.780	1.19	0.989	0.431	0.271	0.453	0.639	0.595	0.674	MEAN
MAX	0.778	0.957	0.940	1.85	1.82	2.10	1.66	0.507	0.816	0.965	0.808	0.951	MAX
MIN	0.488	0.492	0.456	0.400	0.538	0.320	0.122	0.071	0.015	0.430	0.361	0.087	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.652
MAXIMUM DAILY, 2.10 ON JUN 28
MINIMUM DAILY, 0.015 ON SEP 25
MAXIMUM INSTANTANEOUS,
3.22 AT 16:29 CST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 00 N
LONG 102 56 26 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 770	JUL	1 150
FEB	1 520	AUG	726
MAR	1 780	SEP	1 170
APR	2 020	OCT	1 710
MAY	3 190	NOV	1 540
JUN	2 580	DEC	1 810

TOTAL DISCHARGE, 20 900 dam³

DUCK CREEK NEAR KELVINGTON - STATION NO. 05LA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	4 98	0 079	0 128	0	0	0	0	---	---	1
2	---	---	0 B	5 68	0 083	0 110	0	0	0	0	---	---	2
3	---	---	0 B	5 13	0 084	0 095	0	0	0	0	---	---	3
4	---	---	0 B	4 88	0 093	0 071	0	0	0	0	---	---	4
5	---	---	0 B	4 44	0 100	0 057	0	0	0	0	---	---	5
6	---	---	0 B	4 55	0 085	0 057	0	0	0	0	---	---	6
7	---	---	0 B	4 30	0 084	0 052	0	0	0	0	---	---	7
8	---	---	0 B	3 54	0 075	0 055	0	0	0	0	---	---	8
9	---	---	0 B	3 79	0 078	0 054	0	0	0	0	---	---	9
10	---	---	0 B	3 27	0 068	0 038	0	0	0	0	---	---	10
11	---	---	0 B	1 98	0 084	0 022	0	0	0	0	---	---	11
12	---	---	0 B	1 67	0 083	0 012	0	0	0	0	---	---	12
13	---	---	0 B	1 37	0 088	0 007	0	0	0	0	---	---	13
14	---	---	0 B	1 16	0 055	0 014	0	0	0	0	---	---	14
15	---	---	0 B	0 993	0 044	0 010	0	0	0	0	---	---	15
16	---	---	0 B	0 816	0 043	0 011	0	0	0	0	---	---	16
17	---	---	0 B	0 666	0 106	0 004	0	0	0	0	---	---	17
18	---	---	0 B	0 573	0 158	0 002	0	0	0	0	---	---	18
19	---	---	0 B	0 519	0 245	0 001	0	0	0	0	---	---	19
20	---	---	0 B	0 542	0 227	0 001	0	0	0	0	---	---	20
21	---	---	0 B	0 359	0 182	0 001	0	0	0	0	---	---	21
22	---	---	0 B	0 266	0 143	0 003	0	0	0	0	---	---	22
23	---	---	0 B	0 211	0 140	0 005	0	0	0	0	---	---	23
24	---	---	0 B	0 148	0 140	0 005	0	0	0	0	---	---	24
25	---	---	0 B	0 107	0 133	0 004	0	0	0	0	---	---	25
26	---	---	0 B	0 078	0 138	0 004	0	0	0	0B	---	---	26
27	---	---	0 2548	0 070	0 184	0 003	0	0	0	0B	---	---	27
28	---	---	1 32	0 062	0 185	0 003	0	0	0	0B	---	---	28
29	---	---	1 46	0 078	0 185	0 003	0	0	0	0B	---	---	29
30	---		1 58	0 082	0 144	0 002	0	0	0	0B	---	---	30
31	---		4 09		0 141		0	0		0B		---	31
TOTAL	---	---	8 704	54 569	3 676	0 855	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 281	1 82	0 119	0 028	0	0	0	0	---	---	MEAN
MAX	---	---	4 09	5 68	0 245	0 138	0	0	0	0	---	---	MAX
MIN	---	---	0	0 062	0 043	0 001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 277
MAXIMUM DAILY, 5 68 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5 50 AT 10 00 CST ON APR 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 40 N
LONG 103 37 34 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	752	SEP	0
APR	4 710	OCT	0
MAY	318	NOV	---
JUN	73 9	DEC	---

TOTAL DISCHARGE, 5 850 dam³

EAGLE CREEK NEAR ANGLIA - STATION NO 05GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 4188	1 04 B	0 034	0 014	0 003	0 001	0	0 002	0 0088	---	1
2	---	---	0 3798	0 8588	0 034	0 014	0 003	0	0	0 003	0 0088	---	2
3	---	---	0 3808	0 3428	0 035	0 013	0 002	0 001	0	0 004	0 0088	---	3
4	---	---	0 3388	0 0588	0 035	0 012	0 002	0 002	0	0 004	0 0088	---	4
5	---	---	0 3448	0 2148	0 034	0 011	0 002	0 001	0	0 009	0 0058	---	5
6	---	---	0 3488	0 291	0 032	0 012	0 002	0 001	0	0 006	0 0088	---	6
7	---	---	0 3818	0 308	0 036	0 014	0 002	0	0	0 005	---	---	7
8	---	---	0 4388	0 306	0 038	0 014	0 001	0	0	0 005	---	---	8
9	---	---	0 4028	0 215	0 041	0 015	0 001	0	0	0 005	---	---	9
10	---	---	0 4068	0 301	0 078	0 015	0 001	0	0	0 005	---	---	10
11	---	---	0 4318	0 298	0 048	0 015	0 001	0	0	0 005	---	---	11
12	---	---	0 4508	0 266	0 048	0 014	0 001	0	0	0 005	---	---	12
13	---	---	0 4488	0 221	0 038	0 013	0 002	0	0 001	0 005	---	---	13
14	---	---	0 4808	0 174	0 026	0 011	0 002	0	0 002	0 005	---	---	14
15	---	---	0 4378	0 126	0 028	0 011	0 001	0	0 002	0 005	---	---	15
16	---	---	0 4588	0 089	0 083	0 012	0 001	0	0 002	0 007	---	---	16
17	---	---	0 4608	0 087	0 077	0 012	0	0	0 002	0 008	---	---	17
18	---	---	0 4588	0 055	0 034	0 010	0	0	0 002	0 007	---	---	18
19	---	---	0 4588	0 045	0 027	0 008	0	0	0 002	0 007	---	---	19
20	---	---	0 5798	0 027	0 032	0 008	0	0	0 002	0 007	---	---	20
21	---	---	0 6418	0 040	0 032	0 008	0	0	0 002	0 007	---	---	21
22	---	---	1 13 B	0 036	0 030	0 008	0	0	0 004	0 007	---	---	22
23	---	---	1 80 B	0 034	0 026	0 008	0	0	0 003	0 007	---	---	23
24	---	---	2 42 B	0 033	0 024	0 008	0	0	0 005	0 006	---	---	24
25	---	---	2 38 B	0 035	0 021	0 007	0	0	0 004	0 006	---	---	25
26	---	---	2 12 B	0 032	0 019	0 006	0	0	0 003	0 0088	---	---	26
27	---	---	1 85 B	0 034	0 019	0 005	0	0	0 003	0 0088	---	---	27
28	---	0 4008	1 70 B	0 039	0 018	0 005	0	0	0 004	0 0078	---	---	28
29	---	0 4118	1 58 B	0 036	0 017	0 004	0	0	0 003	0 0078	---	---	29
30	---		1 48 B	0 035	0 016	0 003	0	0	0 003	0 0078	---	---	30
31	---		1 29 B		0 015		0 001	0		0 0078		---	31
TOTAL	---	---	37 147	5 863	1 088	0 312	0 028	0 006	0 049	0 188	---	---	TOTAL
MEAN	---	---	0 876	0 189	0 034	0 010	0 001	0	0 002	0 006	---	---	MEAN
MAX	---	---	2 42	1 04	0 078	0 015	0 003	0 002	0 005	0 009	---	---	MAX
MIN	---	---	0 336	0 032	0 015	0 003	0	0		0 002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 161
MAXIMUM DAILY, 2 428 ON MAR 24
MINIMUM DAILY, 0 ON JUL 17
MAXIMUM INSTANTANEOUS,
2 898 AT 08 45 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 33 43 N
LONG 105 10 58 W
DRAINAGE AREA, 5 730 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 42
FEB	---	AUG	0 52
MAR	2 350	SEP	4 23
APR	489	OCT	16 2
MAY	92 3	NOV	---
JUN	27 0	DEC	---

TOTAL DISCHARGE, 2 980 dam³

EAGLE CREEK NEAR ENVIRON - STATION NO 05GC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 025B	2 06 B	0 256	0 282	0 02E	0 001	0 001	0 052	0 045B	---	1
2	---	---	0 025B	3 04 B	0 268	0 266	0 029	0 001	0 001	0 033	0 045B	---	2
3	---	---	0 025B	4 49 B	0 310	0 239	0 019	0 001	0 001	0 027	0 045B	---	3
4	---	---	0 025B	4 65 B	0 311	0 184	0 006	0 007	0 001	0 029	0 050B	---	4
5	---	---	0 025B	2 88 B	0 289	0 119	0 006	0 012	0 001	0 019	0 050B	---	5
6	---	---	0 025B	2 23 B	0 330	0 151	0 015	0 008	0 001	0 013	0 050B	---	6
7	---	---	0 025B	1 91 B	0 286	0 220	0 025	0 001	0 001	0 010	0 050B	---	7
8	---	---	0 025B	1 90 B	0 347	0 213	0 025	0 002	0 001	0 009	---	---	8
9	---	---	0 025B	1 87 B	0 380	0 242	0 035	0 014	0 001	0 009	---	---	9
10	---	---	0 025B	1 63	0 403	0 220	0 028	0 015	0 001	0 003	---	---	10
11	---	---	0 025B	1 34	0 308	0 191	0 011	0 002	0 002	0	---	---	11
12	---	---	0 025B	1 15	0 330	0 121	0 012	0 001	0 008	0 006	---	---	12
13	---	---	0 025B	0 969	0 373	0 058	0 028	0 001	0 081	0 009	---	---	13
14	---	---	0 025B	0 829	0 384	0 015	0 032	0 001	0 153	0 005	---	---	14
15	---	---	0 025B	0 742	0 415	0 009	0 035	0 001	0 174	0 008	---	---	15
16	---	---	0 025B	0 675	0 417	0 021	0 047	0 001	0 195	0 017	---	---	16
17	---	---	0 025B	0 669	0 406	0 035	0 030	0 001	0 225	0 030	---	---	17
18	---	---	0 050B	0 588	0 395	0 057	0 020	0 001	0 215	0 028	---	---	18
19	---	---	0 100B	0 580	0 420	0 052	0 012	0 001	0 220	C 030A	---	---	19
20	---	---	0 120B	0 627	0 386	0 061	0 002	0 001	0 228	0 030E	---	---	20
21	---	---	0 167B	0 453	0 268	0 087	0 001	0 001	0 406	0 030E	---	---	21
22	---	---	0 175B	0 384	0 258	0 080	0 001	0 001	0 589	0 035E	---	---	22
23	---	---	0 202B	0 272	0 252	0 092	0 001	0 001	0 592	0 035E	---	---	23
24	---	---	0 220B	0 337	0 313	0 065	0 001	0 001	0 481	0 040E	---	---	24
25	---	---	0 172B	0 356	0 327	0 090	0 001	0 001	0 434	0 040E	---	---	25
26	---	---	0 157B	0 331	0 338	0 076	0 001	0 001	0 346	0 040E	---	---	26
27	---	---	0 131B	0 295	0 308	0 052	0 001	0 001	0 218	0 040E	---	---	27
28	---	---	0 124B	0 264	0 276	0 029	0 001	0 001	0 145	0 045B	---	---	28
29	---	---	0 129B	0 249	0 288	0 027	0 001	0 001	0 103	0 045B	---	---	29
30	---		0 690B	0 254	0 236	0 022	0 001	0 001	0 084	0 045B	---	---	30
31	---		1 74 B		0 264		0 001	0 001		0 045B		---	31
TOTAL	---	---	4 802	37 985	10 150	3 338	0 451	0 084	5 009	0 815	---	---	TOTAL
MEAN	---	---	0 148	1 27	0 327	0 111	0 015	0 003	0 187	0 026	---	---	MEAN
MAX	---	---	1 74	4 65	0 420	0 268	0 047	0 015	0 589	0 052	---	---	MAX
MIN	---	---	0 025	0 249	0 236	0 009	0 001	0 001	0 001	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 255
MAXIMUM DAILY, 4 658 ON APR 4
MINIMUM DAILY, 0 ON OCT 11
MAXIMUM INSTANTANEOUS
5 788 AT 23 45 CST ON APR 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 107 22 40 W
DRAINAGE AREA, 11 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 0
FEB	---	AUG	7 26
MAR	398	SEP	433
APR	3 280	OCT	70 4
MAY	877	NOV	---
JUN	288	DEC	---

TOTAL DISCHARGE, 5 390 dam³

EAST POPLAR RIVER ABOVE COOKSON RESERVOIR - STATION NO 11AE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 015B	0 007	0	0	0	0	0	0	---	---	1
2	---	0 B	0 012B	0 018	0	0	0	0	0	0	---	---	2
3	---	0 B	0 006B	0 018	0	0	0	0	0	0	---	---	3
4	---	0 B	0 004B	0 006	0	0	0	0	0	0	---	---	4
5	---	0 B	0 002B	0 004	0	0	0	0	0	0	---	---	5
6	---	0 B	0 002B	0 003	0	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0 002	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0 001	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0 071	0	0	0	0	0	0	---	---	9
10	---	0 004B	0 B	0 286	0	0	0	0	0	0	---	---	10
11	---	0 005B	0 B	0 156	0	0	0	0	0	0	---	---	11
12	---	0 006B	0 B	0 059	0	0	0	0	0	0	---	---	12
13	---	0 007B	0 B	0 007	0	0	0	0	0	0	---	---	13
14	---	0 007B	0 B	0 003	0	0	0	0	0	0	---	---	14
15	---	0 004B	0 B	0 002	0	0	0	0	0	0	---	---	15
16	---	0 004B	0 B	0 001	0	0	0	0	0	0	---	---	16
17	---	0 004B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0 003B	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0 002B	0 076B	0	0	0	0	0	0	0	---	---	19
20	---	0 002B	1 90 B	0	0	0	0	0	0	0	---	---	20
21	---	0 050B	2 46 B	0	0	0	0	0	0	0	---	---	21
22	---	0 643B	0 845B	0	0	0	0	0	0	0	---	---	22
23	---	0 542B	0 636B	0	0	0	0	0	0	0	---	---	23
24	---	0 280B	0 704	0	0	0	0	0	0	0	---	---	24
25	---	0 180B	0 803	0	0	0	0	0	0	0	---	---	25
26	---	0 110B	0 385	0	0	0	0	0	0	0	---	---	26
27	---	0 070B	0 229	0	0	0	0	0	0	0	---	---	27
28	---	0 050B	0 104	0	0	0	0	0	0	0	---	---	28
29	---	0 023B	0 060	0	0	0	0	0	0	0	---	---	29
30	---		0 026	0	0	0	0	0	0	0	---	---	30
31	---		0 013		0		0	0		0		---	31
TOTAL	---	2 006	8 064	0 844	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	0 069	0 260	0 021	0	0	0	0	0	0	---	---	MEAN
MAX	---	0 643	2 46	0 286	0	0	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 036
MAXIMUM DAILY, 2 460 ON MAR 21
MINIMUM DAILY, 0B ON MAR 7
MAXIMUM INSTANTANEOUS,
5 038 AT 04:27 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 51 N
LONG 105 32 38 W
DRAINAGE AREA, 143 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	173	AUG	0
MAR	697	SEP	0
APR	55 6	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 753 dam³

EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO 11AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.082	0.088	0.091	0.099	0.147	0.079	0.079	0.088	0.085	0.091	0.071	0.079	1
2	0.082	0.088	0.088	0.089	0.136	0.074	0.079	0.085	0.091	0.093	0.074	0.079	2
3	0.085	0.088	0.091	0.099	0.133	0.071	0.076	0.088	0.096	0.096	0.079	0.079	3
4	0.085	0.085	0.088	0.089	0.133	0.071	0.076	0.071	0.102	0.102	0.082	0.076	4
5	0.102	0.085B	0.088	0.102	0.136	0.071	0.076	0.065	0.108	0.096	0.082	0.074	5
6	0.096	0.085	0.088	0.089	0.144	0.088	0.071	0.065	0.099	0.091	0.082	0.074	6
7	0.091	0.085	0.082	0.105	0.147	0.093	0.079	0.071	0.093	0.088	0.085	0.079	7
8	0.088	0.085	0.088	0.099	0.144	0.102	0.076	0.082	0.093	0.088	0.085	0.082	8
9	0.085	0.088	0.085	0.099	0.142	0.110	0.071	0.074	0.082	0.088	0.085	0.085	9
10	0.082	0.088	0.082	0.096	0.147	0.093	0.074	0.068	0.079	0.088	0.082	0.082	10
11	0.085	0.088	0.082	0.096	0.139	0.091	0.071	0.071	0.076	0.091	0.082	0.079	11
12	0.082	0.093	0.082	0.102	0.147	0.110	0.071	0.079	0.088	0.091	0.082	0.076	12
13	0.082	0.105	0.082	0.102	0.142	0.118	0.074	0.076	0.082	0.091	0.085	0.076	13
14	0.082	0.122	0.082	0.096	0.130	0.116	0.071	0.074	0.082	0.091	0.082	0.076	14
15	0.079	0.125	0.079	0.091	0.136	0.198	0.088	0.068	0.079	0.091	0.074	0.076	15
16	0.082	0.113	0.079	0.085	0.159	0.136	0.071	0.071	0.085	0.093	0.079	0.088	16
17	0.079	0.099	0.082	0.096	0.125	0.113	0.068	0.088	0.088	0.093	0.082	0.088	17
18	0.079B	0.093	0.085	0.142	0.113	0.096	0.068	0.068	0.079	0.096	0.079	0.068	18
19	0.079B	0.091	0.105	0.170	0.093	0.093	0.068	0.068	0.079	0.096	0.079	0.071	19
20	0.079	0.093	0.139	0.176	0.088	0.105	0.074	0.068	0.079	0.093	0.079	0.076	20
21	0.079	0.113	0.130	0.176	0.085	0.159	0.071	0.074	0.082	0.091	0.082	0.074	21
22	0.079	0.133	0.116	0.173	0.085	0.136	0.071	0.074	0.082	0.088	0.082	0.074	22
23	0.082	0.110	0.116	0.176	0.079	0.116	0.068	0.074	0.082	0.088	0.082	0.071B	23
24	0.085	0.099	0.125	0.184	0.088	0.102	0.068	0.074	0.088	0.085	0.082	0.068B	24
25	0.082	0.093	0.144	0.170	0.085	0.093	0.068	0.074	0.093	0.085	0.082	0.065B	25
26	0.082	0.091	0.127	0.170	0.079	0.088	0.068	0.079	0.088	0.091	0.079	0.065B	26
27	0.079	0.088	0.116	0.170B	0.079	0.102	0.065	0.079	0.088	0.093	0.079	0.068B	27
28	0.088	0.088	0.102	0.170B	0.082	0.096	0.065	0.079	0.088	0.088	0.082	0.068B	28
29	0.099	0.088	0.096	0.167B	0.076	0.082	0.068	0.079	0.088	0.085	0.082	0.068B	29
30	0.088		0.099	0.161	0.074	0.088	0.071	0.079	0.088	0.079	0.079	0.071B	30
31	0.088		0.099		0.079		0.068	0.079		0.079		0.068B	31
TOTAL	2.617	2.790	3.038	3.869	3.572	3.091	3.212	3.252	2.612	2.799	2.421	2.283	TOTAL
MEAN	0.084	0.096	0.098	0.128	0.115	0.103	0.071	0.073	0.087	0.090	0.081	0.074	MEAN
MAX	0.102	0.133	0.144	0.184	0.159	0.198	0.079	0.082	0.108	0.102	0.085	0.085	MAX
MIN	0.079	0.085	0.079	0.085	0.074	0.071	0.065	0.065	0.076	0.079	0.071	0.065	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.092
MAXIMUM DAILY, 0.198 ON JUN 15
MINIMUM DAILY, 0.065 ON JUL 27
MAXIMUM INSTANTANEOUS,
0.281 AT 03:15 CST ON JUN 15

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 58 N
LONG 105 24 32 W
DRAINAGE AREA, 1 400 km²

B - ICE CONDITIONS

REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	226	JUL	191
FEB	241	AUG	195
MAR	262	SEP	226
APR	334	OCT	242
MAY	309	NOV	209
JUN	287	DEC	197

TOTAL DISCHARGE, 2 900 dam³

EASTEND CANAL - STATION NO 11AC052

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1.00 E	0	0	0	0	0	---	---	1
2	---	---	0	0	1.40 E	0	0	0	0	0	---	---	2
3	---	---	0	0	1.82 A	0	0	0	0	0	---	---	3
4	---	---	0	0	2.05	0	0	0	0	0	---	---	4
5	---	---	0	0	2.05	0	0	0	0	0	---	---	5
6	---	---	0	0	1.99	0	0	0	0	0	---	---	6
7	---	---	0	0	1.92	0	0	0	0	0	---	---	7
8	---	---	0	0	1.92	0	0	0	0	0	---	---	8
9	---	---	0	0	2.18	0	0	0	0	0	---	---	9
10	---	---	0	0	1.76	0	0	0	0	0	---	---	10
11	---	---	0	0	1.70	0	1.14	0	0	0	---	---	11
12	---	---	0	0	1.66	0	1.70	0	0	0	---	---	12
13	---	---	0	0	1.28	0	1.72	0	0	0	---	---	13
14	---	---	0	0	0.780	0	1.90	0	0	0	---	---	14
15	---	---	0	0	0.151	0	1.78	0	0	0	---	---	15
16	---	---	0	0	0.009	0	1.64	0	0	0	---	---	16
17	---	---	0	0	0	0	1.51	0	0	0	---	---	17
18	---	---	0	0	0	0	1.34	0	0	0	---	---	18
19	---	---	0	0	0	0	0.865	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0.600E	0	0	0	0	0	0	---	---	25
26	---	0	0	1.00 E	0	0	0	0	0	0	---	---	26
27	---	0	0	0.850E	0	0	0	0	0	0	---	---	27
28	---	0	0	0.700E	0	0	0	0	0	0	---	---	28
29	---	0	0	0.680E	0	0	0	0	0	0	---	---	29
30	---		0	0.800E	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	4.630	23.690	0	13.595	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.154	0.764	0	0.439	0	0	0	---	---	MEAN
MAX	---	---	0	1.00	2.19	0	1.90	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.171
MAXIMUM DAILY, 2.19 ON MAY 9
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 21 N
LONG 108 50 54 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 170
FEB	---	AUG	0
MAR	0	SEP	0
APR	400	OCT	0
MAY	2 050	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3 620 dam³

EASTEND RESERVOIR - STATION NO 11AC055

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	915.480E	917.514	917.966E	917.116	917.398	914.573E	915.193	915.832A	---	---	1
2	---	---	915.480E	917.592	917.933A	917.140	917.408	914.585E	915.186	915.816	---	---	2
3	---	---	915.480E	917.670	917.885	917.157	917.415	915.192A	915.171	915.809	---	---	3
4	---	---	915.481E	917.746	917.801	917.175	917.412	915.679	915.154	915.803	---	---	4
5	---	---	915.481E	917.844	917.708	917.191	917.415	915.771	915.148	915.798	---	---	5
6	---	---	915.481E	917.984	917.606	917.213	917.418	915.808	915.139	915.797	---	---	6
7	---	---	915.482E	918.146	917.506	917.231	917.417	915.820	915.126	915.801	---	---	7
8	---	---	915.482A	918.225	917.392	917.251	917.416	915.815	915.110	915.797	---	---	8
9	---	---	915.482E	918.241	917.280	917.286	917.410	915.808	915.088	915.784	---	---	9
10	---	---	915.482E	918.236	917.175	917.281	917.410	915.791	915.132	915.768	---	---	10
11	---	---	915.482E	918.203	917.088	917.297	917.372	915.771	915.314	915.788	---	---	11
12	---	---	915.482E	918.184	916.985	917.318	917.234	915.784	915.458	915.785	---	---	12
13	---	---	915.482E	918.141	916.861	917.324	917.075	915.750	915.539	915.792	---	---	13
14	---	---	915.481E	918.116	916.773	917.337	916.904	915.726	915.589	915.789	---	---	14
15	---	---	915.481E	918.094	916.774	917.356	916.718	915.702	915.626	915.780	---	---	15
16	---	---	915.481E	918.091	916.828	917.363	916.508	915.674	915.653	915.775	---	---	16
17	---	---	915.481E	918.092	916.872	917.368	916.274	915.647	915.684	915.759	---	---	17
18	---	---	915.481E	918.101	916.913	917.371	915.986	915.623	915.686	915.697	---	---	18
19	---	---	915.481A	918.123	916.949	917.378	915.613	915.596	915.656	915.625	---	---	19
20	---	---	915.485E	918.143	916.983	917.369	915.448	915.585	915.650	915.592	---	---	20
21	---	915.477A	915.489A	918.161	917.009	917.363	915.387	915.532	915.681	915.554	---	---	21
22	---	915.477E	915.540A	918.173	917.009	917.377	915.293	915.499	915.692	915.550	---	---	22
23	---	915.478E	915.836	918.186	916.985	917.381	915.171	915.467	915.708	915.531	---	---	23
24	---	915.478E	916.016	918.201	916.964	917.383	914.998	915.433	915.750	915.522	---	---	24
25	---	915.478E	916.175	918.213	916.952	917.378	914.825A	915.393	915.805A	915.465	---	---	25
26	---	915.479E	916.458	918.171	916.952	917.370	914.778E	915.358	915.850E	915.480	---	---	26
27	---	915.479E	916.714	918.116	916.872	917.364	914.745E	915.314	915.846E	915.441	---	---	27
28	---	915.479E	916.926	918.077	917.002	917.358	914.709E	915.286	915.843E	915.482	---	---	28
29	---	915.480E	917.105	918.038	917.040	917.362	914.675E	915.234	915.839E	915.458A	---	---	29
30	---		917.287	917.999E	917.076	917.384	914.640E	915.213	915.836E	915.457E	---	---	30
31	---		917.409		917.099		914.605A	915.187		915.455E		---	31
MEAN	---	---	915.825	918.080	917.172	917.307	916.228	915.502	915.504	915.667	---	---	MEAN
MAX	---	---	917.409	918.241	917.966	917.384	917.418	915.820	915.850	915.832	---	---	MAX
MIN	---	---	915.480	917.514	916.773	917.116	914.606	914.573	915.088	915.441	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 918.241 ON APR 9
MINIMUM DAILY, 914.573E ON AUG 1
MAXIMUM INSTANTANEOUS,
918.248 AT 12:00 CST ON APR 10

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 26 N
LONG 108 51 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED BEFORE CALCULATING DAILY VALUES

ECHO CREEK AT FORT QU'APPELLE - STATION NO 05JK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.120E	0	0	0	0	0	0	---	---	1
2	---	---	0	0.050E	0	0	0	0	0	0	---	---	2
3	---	---	0	0.010E	0	0	0	0	0	0	---	---	3
4	---	---	0	0 A	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0.010E	0	0	0	0	0	0	0	---	---	24
25	---	---	0.150E	0	0	0	0	0	0	0	---	---	25
26	---	---	0.540A	0	0	0	0	0	0	0	---	---	26
27	---	---	0.780E	0	0	0	0	0	0	0	---	---	27
28	---	---	0.650A	0	0	0	0	0	0	0	---	---	28
29	---	---	0.450E	0	0	0	0	0	0	0	---	---	29
30	---		0.340E	0	0	0	0	0	0	0	---	---	30
31	---		0.220E		0		0	0		0		---	31
TOTAL	---	---	3.180	0.180	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.102	0.006	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.780	0.120	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.014
MAXIMUM DAILY, 0.780E ON MAR 27
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 38 N
LONG 103 47 50 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	273	SEP	0
APR	15.6	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 289 dam³

ECHO LAKE AT FISH HATCHERY - STATION NO. 05JK005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478.588	478.570	478.476	478.604	478.886	479.053	479.105	478.994	478.947	479.010	479.095	479.043	1
2	478.582	478.565	478.475	478.617	478.891	479.068	479.097	478.990	478.951	479.024	479.086	479.032	2
3	478.594	478.562	478.472	478.631	478.892	479.042	479.091	478.984	478.958	479.018	479.087	479.018	3
4	478.594	478.554	478.467	478.650	478.900	479.031	479.081	478.980	478.957	479.004	479.092	478.998	4
5	478.593	478.551	478.465	478.670	478.915	479.033	479.070	478.980	478.953	479.013	479.094	478.986	5
6	478.584	478.549	478.469	478.692	478.916	479.041	479.066	478.979	478.952	479.023	479.095	478.976	6
7	478.592	478.549	478.474	478.715	478.929	479.065	479.054	478.979	478.952	479.022	479.101	478.967	7
8	478.587	478.548	478.471	478.736	478.937	479.065	479.063	478.982	478.960	479.025	479.104	478.954	8
9	478.583	478.545	478.472	478.750	478.933	479.052	479.065	478.986	478.960	479.027	479.105	478.941	9
10	478.579	478.540	478.469	478.766	478.960	479.066	479.061	478.983	478.959	479.022	479.107	478.930	10
11	478.577	478.535	478.467	478.779	478.962	479.070	479.055	478.984	478.952	479.023	479.110	478.911	11
12	478.575	478.528	478.468	478.788	478.982	479.075	479.044	478.987	478.952	479.031	479.113	478.892	12
13	478.573	478.525	478.465	478.793	478.988	479.072	479.038	478.992	478.958	479.045	479.116	478.879	13
14	478.572	478.520	478.465	478.801	478.955	479.077	479.043	478.997	478.958	479.042	479.121	478.868	14
15	478.575	478.517	478.468	478.808	478.941	479.084	479.037	478.993	478.954	479.041	479.127	478.858	15
16	478.573	478.515	478.469	478.810	478.957	479.080	479.031	478.992	478.955	479.084	479.127	478.843	16
17	478.570	478.511	478.470	478.811	479.017	479.105	479.026	478.998	478.971	479.074	479.128	478.835	17
18	478.570	478.506	478.467	478.818	479.018	479.101	479.022	478.998	478.972	479.085	479.129	478.819	18
19	478.568	478.504	478.468	478.817	478.973	479.103	479.015	479.001	478.973	479.055	479.131	478.810	19
20	478.568	478.500	478.468	478.825	478.959	479.105	479.005	479.005	478.968	479.065	479.136	478.799	20
21	478.568	478.495	478.465	478.837	478.985	479.119	479.011	479.007	478.951	479.087	479.141	478.783	21
22	478.565	478.494	478.467	478.850	478.979	479.141	479.013	478.985	478.975	479.077	479.140	478.767	22
23	478.561	478.492	478.470	478.855	478.959	479.156	479.011	478.984	478.991	479.081	479.132	478.754	23
24	478.565	478.486	478.472	478.868	478.966	479.147	479.004	478.984	478.992	479.082	479.125	478.744	24
25	478.585	478.484	478.476	478.865	478.974	479.150	479.004	478.993	478.998	479.080	479.118	478.732	25
26	478.585	478.482	478.480	478.851	478.988	479.151	479.001	478.992	479.004	479.077	479.114	478.723	26
27	478.589	478.481	478.502	478.860	478.992	479.131	478.998	478.997	479.005	479.086	479.102	478.717	27
28	478.580	478.477	478.527	478.875	479.003	479.130	478.989	478.995	479.011	479.082	479.087	478.710	28
29	478.583	478.478	478.549	478.875	479.013	479.117	478.995	478.995	479.010	479.085	479.074	478.701	29
30	478.580		478.589	478.879	479.022	479.110	478.991	478.987	479.008	479.084	479.055	478.692	30
31	478.578		478.587		479.036		478.994	478.959		479.085		478.682	31
MEAN	478.577	478.520	478.482	478.783	478.961	479.092	479.035	478.990	478.972	479.050	479.110	478.850	MEAN
MAX	478.594	478.570	478.587	478.879	479.036	479.156	479.105	479.007	479.011	479.086	479.141	479.043	MAX
MIN	478.561	478.477	478.465	478.604	478.886	479.031	478.991	478.959	478.947	479.004	479.055	478.682	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 478.869
MAXIMUM DAILY, 479.156 ON JUN 23
MINIMUM DAILY, 478.465 ON MAR 5
MAXIMUM INSTANTANEOUS,
479.162 AT 17:59 CST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 35 N
LONG 103 52 10 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EKAPO CREEK NEAR MARIEVAL - STATION NO. 05JM010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.054	0.003A	0.003	0.001E	0.001	0	0	---	---	1
2	---	---	0 B	0.047E	0.003	0.003	0.001E	0.001	0	0	---	---	2
3	---	---	0 B	0.042E	0.004	0.003	0.001E	0.001	0	0	---	---	3
4	---	---	0 B	0.048A	0.004	0.003	0.001E	0.001	0	0	---	---	4
5	---	---	0 B	0.047	0.004	0.003	0.001E	0.001	0	0	---	---	5
6	---	---	0 B	0.037	0.005	0.003	0.001E	0.001	0	0	---	---	6
7	---	---	0 B	0.030A	0.004	0.004	0.001E	0.001	0	0	---	---	7
8	---	---	0 B	0.030A	0.004	0.004	0.001E	0.001	0	0	---	---	8
9	---	---	0 B	0.024E	0.004	0.004	0.001E	0.001	0	0	---	---	9
10	---	---	0 B	0.029A	0.005	0.004	0.001E	0	0	0	---	---	10
11	---	---	0 B	0.022	0.004	0.004	0.001E	0	0	0	---	---	11
12	---	---	0 B	0.020	0.004	0.004	0.001E	0	0	0	---	---	12
13	---	---	0 B	0.020	0.004	0.003	0.001E	0	0	0	---	---	13
14	---	---	0 B	0.014	0.004	0.003	0.001E	0	0	0	---	---	14
15	---	---	0 B	0.011	0.004	0.003	0.001E	0	0	0	---	---	15
16	---	---	0 B	0.008	0.004	0.003	0.001E	0	0	0.001E	---	---	16
17	---	---	0 B	0.013	0.007	0.003	0.001E	0	0	0.001E	---	---	17
18	---	---	0 B	0.007	0.018	0.003	0.001	0	0	0.001E	---	---	18
19	---	---	0 B	0.008A	0.034	0.002A	0.001	0	0	0.001E	---	---	19
20	---	---	0 B	0.007E	0.026	0.002E	0.001	0	0	0 E	---	---	20
21	---	---	0.001B	0.008E	0.015	0.002E	0.001	0	0	0 E	---	---	21
22	---	---	0.002B	0.008E	0.007	0.002E	0.001	0	0	0.001E	---	---	22
23	---	---	0.010B	0.008E	0.005	0.002E	0.001	0	0	0.001E	---	---	23
24	---	---	0.050B	0.008A	0.005	0.002E	0.002	0	0	0.001E	---	---	24
25	---	---	0.085B	0.007	0.003	0.002E	0.001	0	0	0.001E	---	---	25
26	---	---	0.085B	0.005	0.003	0.002E	0.001	0	0	0 B	---	---	26
27	---	---	0.078B	0.004	0.003	0.002E	0.001	0	0	0 B	---	---	27
28	---	---	0.102B	0.004A	0.004	0.002E	0	0	0	0 B	---	---	28
29	---	---	0.078B	0.004E	0.005	0.001E	0.001	0	0	0 B	---	---	29
30	---	---	0.051B	0.003E	0.004	0.001E	0.001	0	0	0 B	---	---	30
31	---	---	0.081B		0.004		0.001	0		0 B		---	31
TOTAL	---	---	0.583	0.587	0.207	0.082	0.031	0.009	0	0.008	---	---	TOTAL
MEAN	---	---	0.019	0.019	0.007	0.003	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.102	0.054	0.034	0.004	0.002	0.001	0	0.001	---	---	MAX
MIN	---	---	0	0.003	0.003	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.1028 ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.1448 AT 08:53 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 31 47 N
LONG 102 42 37 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2.68
FEB	---	AUG	0.78
MAR	50.4	SEP	0
APR	49.0	OCT	0.69
MAY	17.9	NOV	---
JUN	7.08	DEC	---

TOTAL DISCHARGE, 129 dam³

ELBOW DIVERSION CANAL AT DROP STRUCTURE - STATION NO. 05JG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47B	1.43B	1.48	0.085	3.80	4.99	5.22	8.76	5.84	2.02	1.75B	1.49B	1
2	1.47B	1.43B	1.48	0.089	4.88	4.99	5.25	8.75	5.88	2.03	1.44B	1.49B	2
3	1.48B	1.42B	1.48	0.088	4.86	4.97	5.24	8.76	5.84	2.04	1.40B	1.49B	3
4	1.47B	1.42B	1.48	0.073	4.89	4.97	5.22	8.75	5.81	2.02	1.44B	1.49B	4
5	1.46B	1.42B	1.49	0.079	4.89	4.98	5.20	8.75	4.99	2.04	1.44B	1.49B	5
6	1.44B	1.42B	1.49	0.086	4.90	4.98	5.19	8.80	4.18	2.03	1.42B	1.50B	6
7	1.41B	1.42B	1.54	0.083	4.90	4.98	5.23	8.79	4.24	2.04	1.42B	1.50B	7
8	1.40B	1.43B	1.49	0.077	4.88	4.97	5.22	8.82	4.19	2.04	1.43B	1.50B	8
9	1.46B	1.44B	1.50	0.086	4.90	4.97	5.23	8.78	4.17	2.04	1.44B	1.50B	9
10	1.46B	1.43B	1.50 B	0.082	4.90	4.99	5.26	8.80	4.16	2.05	1.44B	1.50B	10
11	1.46B	1.43B	1.50	0.068	4.88	4.99	5.28	8.89	4.15	2.05	1.43B	1.50B	11
12	1.46B	1.44B	1.48	0.061	4.90	5.00	5.30	8.90	4.18	2.06	1.44B	1.50B	12
13	1.48B	1.44B	1.50	0.519	4.83	5.02	5.32	8.91	4.13	2.05	1.44B	1.49B	13
14	1.45B	1.44B	1.51	1.01	4.80	5.06	5.31	8.89	3.55	2.06	1.44B	1.49B	14
15	1.49B	1.44B	0.826	1.01	4.83	5.08	5.32	8.88	3.02	1.79	1.45B	1.48B	15
16	1.45B	1.44B	0.0808	2.18	4.87	5.11	5.33	8.93	3.02	1.55	1.45B	1.47B	16
17	1.45B	1.45B	0.084	3.16	4.88	5.11	5.34	8.91	3.00	1.53	1.46B	1.47B	17
18	1.45B	1.45B	0.076	3.18	4.86	5.10	5.82	8.95	3.01	1.53	1.46B	1.48B	18
19	1.45B	1.45B	0.084	3.12	4.85	5.10	8.22	8.96	3.01	1.54	1.46B	1.45B	19
20	1.45B	1.45B	0.094	3.08	4.87	5.12	6.25	8.92	2.50	1.55	1.47B	1.45B	20
21	1.44B	1.46B	0.087	3.12	4.86	5.11	6.25	8.91	2.00	1.55	1.47B	1.44B	21
22	1.44B	1.46B	0.068	3.11	4.91	5.10	6.23	8.87	2.05	1.54	1.48B	1.43B	22
23	1.44B	1.46B	0.076	3.12	4.81	5.11	6.25	8.85	2.02	1.54	1.48B	1.43B	23
24	1.44B	1.46B	0.042	3.13	4.94	5.11	6.26	8.84	2.01	1.54	1.48B	1.42B	24
25	1.44B	1.47B	0.056	3.12	4.91	5.14	7.25	8.86	2.01	1.53	1.49B	1.42B	25
26	1.44B	1.47B	0.072	3.14	4.92	5.15	8.86	8.87	2.02	1.53	1.49B	1.41B	26
27	1.43B	1.47B	0.061	3.16	4.92	5.17	8.80	8.89	2.02	1.53B	1.49B	1.40B	27
28	1.43B	1.47B	0.046	3.14	4.94	5.19	8.82	8.88	2.01	1.53B	1.49B	1.40B	28
29	1.43B	1.48	0.053	3.12	4.95	5.19	8.84	7.79	2.02	1.53B	1.49B	1.39B	29
30	1.43B		0.059	3.14	4.97	5.21	8.87	5.86	2.02	1.53B	1.49B	1.38B	30
31	1.43B		0.063		4.98		8.77	5.85		1.53B		1.38B	31
TOTAL	44.84	41.87	23.789	49.495	150.68	151.96	192.95	267.37	103.24	55.84	43.97	45.21	TOTAL
MEAN	1.45	1.44	0.734	1.65	4.86	5.07	6.22	8.62	3.44	1.79	1.47	1.46	MEAN
MAX	1.48	1.48	1.54	3.18	4.98	5.21	8.87	8.96	5.84	2.06	1.75	1.50	MAX
MIN	1.40	1.42	0.042	0.061	3.80	4.97	5.19	5.85	2.00	1.53	1.40	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1984

MEAN, 3.20
MAXIMUM DAILY, 8.96 ON AUG 19
MINIMUM DAILY, 0.042 ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 40 N
LONG 106 23 55 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 870	JUL	16 700
FEB	3 620	AUG	23 100
MAR	1 970	SEP	8 920
APR	4 280	OCT	4 810
MAY	13 000	NOV	3 800
JUN	13 100	DEC	3 910

TOTAL DISCHARGE, 101 000 dam³

EMMA LAKE NEAR TWEEDSMUIR - STATION NO. 05GG005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	515.591	515.609E	515.540E	515.440E	515.400	---	---	1
2	---	---	---	---	---	515.592E	515.605E	515.536	515.437E	515.398	---	---	2
3	---	---	---	---	---	515.592E	515.601E	515.534	515.433	515.393	---	---	3
4	---	---	---	---	515.537	515.593	515.597E	515.526	515.428E	515.390	---	---	4
5	---	---	---	---	515.537E	515.607E	515.593E	515.519	515.424E	515.388	---	---	5
6	---	---	---	---	515.537E	515.621E	515.589	515.511	515.419E	515.387E	---	---	6
7	---	---	---	---	515.537E	515.635E	515.590E	515.503	515.414	515.387E	---	---	7
8	---	---	---	---	515.536E	515.649	515.591E	515.495	515.417E	515.386E	---	---	8
9	---	---	---	---	515.536E	515.650E	515.593E	515.500	515.420E	515.386E	---	---	9
10	---	---	---	---	515.536E	515.650E	515.594	515.494	515.423E	515.385E	---	---	10
11	---	---	---	---	515.536	515.651E	515.593E	515.493E	515.425E	515.385E	---	---	11
12	---	---	---	---	515.541E	515.652E	515.592E	515.492E	515.426E	515.384	---	---	12
13	---	---	---	---	515.547E	515.653	515.590	515.492E	515.431E	515.393E	---	---	13
14	---	---	---	---	515.552E	515.650E	515.590E	515.491E	515.434	515.403E	---	---	14
15	---	---	---	---	515.557E	515.647	515.589E	515.490E	515.432E	515.412E	---	---	15
16	---	---	---	---	515.562E	515.646E	515.589E	515.489E	515.431E	515.422E	---	---	16
17	---	---	---	---	515.568E	515.650E	515.588	515.488	515.429E	515.431E	---	---	17
18	---	---	---	---	515.573	515.651E	515.588	515.486E	515.428E	515.441E	---	---	18
19	---	---	---	---	515.580E	515.652E	515.588	515.482E	515.426	515.450	515.480	---	19
20	---	---	---	---	515.586E	515.654E	515.588	515.480E	515.425E	515.454E	---	---	20
21	---	---	---	---	515.593E	515.655E	515.582E	515.477	515.424	515.457E	---	---	21
22	---	---	---	---	515.595E	515.657	515.576E	515.474	515.427	515.461E	---	---	22
23	---	---	---	---	515.618	515.655E	515.570E	515.472E	515.419	515.465E	---	---	23
24	---	---	---	---	515.612E	515.654E	515.564E	515.470	515.417	515.469E	---	---	24
25	---	---	---	---	515.619	515.652E	515.558E	515.466E	515.414	515.472E	---	---	25
26	---	---	---	---	515.615E	515.651	515.552E	515.463E	515.412	515.476	---	---	26
27	---	---	---	---	515.611E	515.638E	515.546	515.459E	515.410	---	---	---	27
28	---	---	---	---	515.607E	515.628E	515.545E	515.455E	515.452	---	---	---	28
29	---	---	---	---	515.603E	515.617	515.544E	515.451E	515.405	---	---	---	29
30	---		---	---	515.599E	515.613E	515.542E	515.448E	515.402	---	---	---	30
31	---		---	---	515.595E		515.541E	515.444		---	---	---	31
MEAN	---	---	---	---	---	515.637	515.580	515.491	515.424	---	---	---	MEAN
MAX	---	---	---	---	---	515.657	515.609	515.800	515.452	---	---	---	MAX
MIN	---	---	---	---	---	515.591	515.541	515.444	515.402	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 515.657 ON JUN 22
MINIMUM DAILY, 515.384 ON OCT 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 34 10 N
LONG 105 53 15 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ENGLISHMAN RIVER NEAR SPRUCE LAKE - STATION NO 05EF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.084B	1.00 B	0.234	1.12	0.178	0.088	0.068	0.123	0.1678	---	1
2	---	---	0.084B	1.80 B	0.197	1.14	0.139	0.085	0.085	0.102	0.1808	---	2
3	---	---	0.084B	1.84 B	0.212	1.22	0.097	0.065	0.076	0.096	0.1748	---	3
4	---	---	0.084B	1.87 B	0.204	1.21	0.071	0.085	0.071	0.092	0.1888	---	4
5	---	---	0.084B	1.71 B	0.266	1.09	0.084	0.055	0.084	0.080	0.1618	---	5
6	---	---	0.084B	1.62 B	0.288	0.958	0.092	0.038	0.054	0.075	0.1558	---	6
7	---	---	0.084B	1.68 B	0.318	1.22	0.102	0.028	0.062	0.073	0.1518	---	7
8	---	---	0.084B	1.80 B	0.484	1.54	0.098	0.013	0.064	0.078	---	---	8
9	---	---	0.084B	1.92 B	0.496	1.69	0.108	0.037	0.063	0.087	---	---	9
10	---	---	0.084B	1.68	0.516	1.78	0.105	0.063	0.050	0.087	---	---	10
11	---	---	0.084B	1.44	0.603	1.78	0.088	0.089	0.049	0.093	---	---	11
12	---	---	0.084B	1.27	0.697	1.72	0.071	0.081	0.057	0.095	---	---	12
13	---	---	0.084B	1.15	0.836	1.52	0.118	0.063	0.076	0.095	---	---	13
14	---	---	0.084B	1.05	0.847	1.27	0.162	0.051	0.099	0.091	---	---	14
15	---	---	0.085B	0.929	0.926	1.07	0.234	0.048	0.103	0.091	---	---	15
16	---	---	0.088B	0.857	0.995	0.929	0.284	0.051	0.085	0.110	---	---	16
17	---	---	0.087B	0.841	1.18	0.807	0.287	0.045	0.068	0.164	---	---	17
18	---	---	0.088B	0.830	1.58	0.683	0.270	0.013	0.043	0.217	---	---	18
19	---	---	0.091B	0.734	1.72	0.593	0.245	0.017	0.038	0.242	---	---	19
20	---	---	0.095B	0.819	1.87	0.552	0.219	0.021	0.037	0.243	---	---	20
21	---	---	0.100B	0.509	1.81	0.502	0.201	0.024	0.104	0.238	---	---	21
22	---	---	0.107B	0.398	1.84	0.480	0.153	0.028	0.185	0.224	---	---	22
23	---	---	0.112B	0.412	1.90	0.310	0.110	0.041	0.269	0.201	---	---	23
24	---	---	0.121B	0.375	2.29	0.285	0.088	0.036	0.282	0.214	---	---	24
25	---	---	0.130B	0.440	2.42	0.230	0.075	0.072	0.244	0.226	---	---	25
26	---	---	0.142B	0.589	2.23	0.218	0.075	0.084	0.204	0.222	---	---	26
27	---	---	0.150B	0.555	1.96	0.174	0.101	0.100	0.170	0.220B	---	---	27
28	---	---	0.185B	0.471	1.78	0.147	0.087	0.085	0.217	0.216B	---	---	28
29	---	0.084B	0.588B	0.367	1.53	0.140	0.084	0.078	0.200	0.208B	---	---	29
30	---		0.761B	0.258	1.31	0.140	0.080	0.068	0.157	0.202B	---	---	30
31	---		0.900B		1.13		0.054	0.074		0.194B		---	31
TOTAL	---	---	5.014	30.504	34.451	25.498	4.146	1.712	3.342	4.699	---	---	TOTAL
MEAN	---	---	0.162	1.02	1.11	0.883	0.134	0.055	0.111	0.152	---	---	MEAN
MAX	---	---	0.900	1.92	2.42	1.78	0.287	0.100	0.282	0.243	---	---	MAX
MIN	---	---	0.084	0.258	0.197	0.140	0.054	0.013	0.037	0.073	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.451
MAXIMUM DAILY, 2.42 ON MAY 25
MINIMUM DAILY, 0.013 ON AUG 8
MAXIMUM INSTANTANEOUS,
2.76 AT 08:20 CST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 34 32 N
LONG 109 09 25 W
DRAINAGE AREA, 393 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	358
FEB	---	AUG	148
MAR	433	SEP	289
APR	2 640	OCT	406
MAY	2 980	NOV	---
JUN	2 290	DEC	---

TOTAL DISCHARGE, 9 540 dam³

ETOMAMI RIVER NEAR BERTWELL - STATION NO 05LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.138B	4.09B	8.86	15.1	5.01	0.180	0.027	0.282	---	---	1
2	---	---	0.125B	12.3 B	8.05	12.5	4.03	0.222	0.016	0.299	---	---	2
3	---	---	0.118B	16.2 B	7.09	10.9	3.28	0.234	0.015	0.481	---	---	3
4	---	---	0.109B	15.1 B	5.81	9.05	2.71	0.258	0.013	0.452	---	---	4
5	---	---	0.094B	17.3 B	5.30	7.85	2.27 A	0.382	0.019	0.466	---	---	5
6	---	---	0.091B	16.2	4.84	6.58	1.90 E	0.416	0.015	0.500	---	---	6
7	---	---	0.095B	15.4	4.24	13.8	2.20 E	0.615	0.032	0.502	---	---	7
8	---	---	0.076B	14.1	3.81	52.0	2.50 E	0.524	0.054	0.406	---	---	8
9	---	---	0.077B	13.4	3.78	75.4	2.90 E	0.583	0.046	0.385	---	---	9
10	---	---	0.076B	11.9	4.14	64.8	3.20 E	0.478	0.033	0.363	---	---	10
11	---	---	0.067B	12.4	5.34	46.5	3.30 E	0.502	0.072	0.319	---	---	11
12	---	---	0.069B	12.8	9.06	37.6	3.40 E	0.470	0.234	0.338	---	---	12
13	---	---	0.078B	14.4	8.09	31.4	3.30 E	0.361	0.271	0.307	---	---	13
14	---	---	0.071B	14.3	7.96	25.8	3.10 E	0.295	0.172	0.286	---	---	14
15	---	---	0.059B	13.3	7.14	21.1	2.90 E	0.263	0.109	0.278	---	---	15
16	---	---	0.052B	11.9	8.28	17.7	2.60 E	0.208	0.083	0.245	---	---	16
17	---	---	0.055B	11.0	9.28	17.2	2.20 E	0.133	0.123	0.3978	---	---	17
18	---	---	0.067B	10.1	18.2	18.5	1.80 E	0.088	0.128	0.5318	---	---	18
19	---	---	0.064B	8.26	21.1	19.3	1.50 E	0.059	0.070	0.8248	---	---	19
20	---	---	0.062B	7.17	20.9	18.2	1.20 E	0.077	0.044	0.8658	---	---	20
21	---	---	0.080B	5.99	20.4	17.0	1.00 E	0.237	0.033	0.5738	---	---	21
22	---	---	0.095B	5.06A	19.0	15.2	0.80OE	0.255	0.120	0.5308	---	---	22
23	---	---	0.139B	6.00E	17.9	14.3	0.80OE	0.209	0.097	0.5258	---	---	23
24	---	---	0.154B	9.00E	18.8	14.5	0.45OE	0.141	0.441	0.4578	---	---	24
25	---	---	0.286B	13.0 E	27.8	12.7	0.35OE	0.088	0.555	0.3948	---	---	25
26	---	---	0.288B	13.5 E	31.1	10.6	0.28OE	0.080	0.423	0.3068	---	---	26
27	---	---	0.171B	13.2 A	31.6	8.80	0.23OE	0.056	0.280	0.4128	---	---	27
28	---	0.180B	0.204B	11.7	28.9	7.88	0.20OE	0.038	0.515	0.3808	---	---	28
29	---	0.143B	1.28 B	10.2	24.4	8.42	0.18OE	0.032	0.468	0.3528	---	---	29
30	---		1.01 B	9.43	20.7	8.03	0.16OE	0.039	0.390	0.3258	---	---	30
31	---		1.76 B		18.3		0.155A	0.039		0.3048		---	31
TOTAL	---	---	7.130	348.68	428.95	535.31	59.705	7.542	4.928	12.844	---	---	TOTAL
MEAN	---	---	0.230	11.6	13.8	21.2	1.93	0.243	0.164	0.414	---	---	MEAN
MAX	---	---	1.76	17.3	31.6	75.4	5.01	0.615	0.555	0.824	---	---	MAX
MIN	---	---	0.062	4.09	3.78	8.03	0.155	0.032	0.013	0.245	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.14
MAXIMUM DAILY, 75.4 ON JUN 9
MINIMUM DAILY, 0.013 ON SEP 4
MAXIMUM INSTANTANEOUS,
78.3 AT 18:10 CST ON JUN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 35 32 N
LONG 102 33 54 W
DRAINAGE AREA, 2 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 160
FEB	---	AUG	852
MAR	616	SEP	426
APR	30 100	OCT	1 110
MAY	37 100	NOV	---
JUN	54 800	DEC	---

TOTAL DISCHARGE, 130 000 dam³

EYEHILL CREEK NEAR MACKLIN - STATION NO 05GA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1 82	0 022	0	0	0	0	0	---	---	1
2	---	---	0 B	1 65	0 048	0	0	0	0	0	---	---	2
3	---	---	0 B	1 69	0 185	0	0	0	0	0	---	---	3
4	---	---	0 B	1 27	0 154	0	0	0	0	0	---	---	4
5	---	---	0 B	0 946	0 141	0	0	0	0	0	---	---	5
6	---	---	0 B	0 710	0 126	0 003	0	0	0	0	---	---	6
7	---	---	0 B	0 555	0 008	0 003	0	0	0	0	---	---	7
8	---	---	0 B	0 440	0 004	0 008	0	0	0	0	---	---	8
9	---	---	0 B	0 300	0 003	0 005	0	0	0	0	---	---	9
10	---	---	0 B	0 164	0 002	0 003	0	0	0	0	---	---	10
11	---	---	0 B	0 145	0 002	0 002	0	0	0	0	---	---	11
12	---	---	0 B	0 123	0 001	0 001	0	0	0	0	---	---	12
13	---	---	0 B	0 100	0 001	0	0	0	0	0	---	---	13
14	---	---	0 B	0 048	0 001	0 001	0	0	0	0	---	---	14
15	---	---	0 B	0 006	0 001	0 087	0	0	0	0	---	---	15
16	---	---	0 B	0 003	0 002	0 179	0	0	0	0	---	---	16
17	---	---	0 B	0 003	0 002	0 168	0	0	0	0	---	---	17
18	---	---	0 B	0 004	0 001	0 152	0	0	0	0	---	---	18
19	---	---	0 B	0 004	0 001	0 136	0	0	0	0	---	---	19
20	---	---	0 0128	0 004	0	0 123	0	0	0	0	---	---	20
21	---	---	0 1248	0 004	0	0 114	0	0	0	0	---	---	21
22	---	---	0 1298	0 005	0	0 107	0	0	0	0	---	---	22
23	---	---	0 1328	0 008	0	0 114	0	0	0	0	---	---	23
24	---	---	0 1708	0 014	0 001	0 088	0	0	0	0	---	---	24
25	---	---	0 2318	0 020	0 001	0 081	0	0	0	0	---	---	25
26	---	---	0 2018	0 024	0	0 078	0	0	0	0	---	---	26
27	---	---	0 5708	0 024	0	0 017	0 005	0	0	0	---	---	27
28	---	---	1 42	0 023	0	0 004	0 005	0	0	0	---	---	28
29	---	---	1 89	0 023	0	0 001	0 001	0	0	0	---	---	29
30	---		1 83	0 023	0	0	0	0	0	0	---	---	30
31	---		1 68		0		0	0		0		---	31
TOTAL	---	---	7 989	10 155	0 687	1 474	0 011	0	0	0	---	---	TOTAL
MEAN	---	---	0 258	0 339	0 022	0 049	0	0	0	0	---	---	MEAN
MAX	---	---	1 89	1 82	0 165	0 179	0 005	0	0	0	---	---	MAX
MIN	---	---	0	0 003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 083
MAXIMUM DAILY, 1 82 ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1 93 AT 19 06 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 19 08 N
LONG 109 55 41 W
DRAINAGE AREA, 10 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 95
FEB	---	AUG	0
MAR	690	SEP	0
APR	877	OCT	0
MAY	59 4	NOV	---
JUN	127	DEC	---

TOTAL DISCHARGE, 1 750 dam³

FAHLMAN CREEK NEAR DAVIN - STATION NO 05JF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 020E	0	0	0	0	0	0	0B	---	1
2	---	---	0 B	0 018E	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 018A	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 022	0 001	0	0	0	0	0	---	---	4
5	---	---	0 B	0 007	0 001	0	0	0	0	0	---	---	5
6	---	---	0 B	0 005	0 001	0	0	0	0	0	---	---	6
7	---	---	0 B	0 003	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0 002	0 001	0	0	0	0	0	---	---	8
9	---	---	0 B	0 002	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0 002	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0 002	0	0	0	0	0	0 001	---	---	11
12	---	---	0 B	0 002	0	0	0	0	0	0 001	---	---	12
13	---	---	0 B	0 001	0	0	0	0	0	0 001	---	---	13
14	---	---	0 B	0 001	0	0	0	0	0	0 001	---	---	14
15	---	0 0018	0 B	0 001	0	0	0	0	0	0 001	---	---	15
16	---	0 0018	0 B	0 001	0 001	0	0	0	0	0	---	---	16
17	---	0 0018	0 B	0 001	0 001	0	0	0	0	0 001	---	---	17
18	---	0 0018	0 B	0 001	0	0	0	0	0	0 001	---	---	18
19	---	0 0018	0 B	0 001	0	0	0	0	0	0 001	---	---	19
20	---	0 0018	0 B	0 001	0	0	0	0	0	0 001	---	---	20
21	---	0 0018	0 0018	0 001	0	0	0	0	0	0	---	---	21
22	---	0 0018	0 0028	0 001	0	0	0	0	0	0	---	---	22
23	---	0 0018	0 0108	0 001	0	0	0	0	0 001	0	---	---	23
24	---	0 0018	0 0308	0 001	0	0	0	0	0	0	---	---	24
25	---	0 B	0 0558	0 001	0	0	0	0	0	0 B	---	---	25
26	---	0 B	0 0858	0 001	0	0	0	0	0	0 B	---	---	26
27	---	0 B	0 0838	0 001	0	0	0	0	0	0 B	---	---	27
28	---	0 B	0 0508	0	0	0	0	0	0	0 B	---	---	28
29	---	0 B	0 0288	0	0 001	0	0	0	0	0 B	---	---	29
30	---		0 0258	0	0	0	0	0	0	0 B	---	---	30
31	---		0 0228		0		0	0		0 B		---	31
TOTAL	---	---	0 391	0 118	0 007	0	0	0	0 001	0 009	---	---	TOTAL
MEAN	---	---	0 013	0 004	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 085	0 022	0 001	0	0	0	0 001	0 001	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 002
MAXIMUM DAILY, 0 0858 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 22 10 N
LONG 104 11 30 W
DRAINAGE AREA, 15 3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	33 8	SEP	0 08
APR	10 2	OCT	0 78
MAY	0 80	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 45 5 dam³

FIFE LAKE NEAR LISIEUX - STATION NO. 11AE016

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	801.081E	801.191	801.143E	801.048E	801 076	800 905E	800 760E	800 705E	800 695E	---	1
2	---	---	801.081E	801.192E	801 141E	801.015E	801 071E	800 904E	800 759E	800 707E	800 695E	---	2
3	---	---	801.081E	801.193E	801 139E	801.041	801 066E	800 901E	800 759E	800 706	800 695E	---	3
4	---	---	801.081E	801.194E	801.137E	801 038E	801 061E	800 899E	800 758E	800 706E	800 695E	---	4
5	---	---	801.081E	801.195E	801 136E	801.035E	801 056E	800 896E	800 758E	800 706E	800 695E	---	5
6	---	---	801.081E	801.196E	801.134	801 032E	801 051E	800 910E	800 757E	800 706E	800 696	---	6
7	---	---	801.081E	801.197E	801 133E	801 028E	801.046E	800 924	800 757E	800 705	---	---	7
8	---	---	801 081E	801 198	801 132E	801 025E	801 041	800 918E	800 756	800 705E	---	---	8
9	---	---	801.081E	801 198E	801 131E	801 022E	801 038E	800 913E	800 751E	800 705E	---	---	9
10	---	---	801 081E	801 198E	801 129E	801 019	801 034	800 907E	800 746E	800 705E	---	---	10
11	---	---	801 081E	801 198E	801 128E	801 018E	801 016	800 902E	800 741	800 705E	---	---	11
12	---	---	801 081E	801 198E	801 127E	801 018E	801 009E	800 895	800 740E	800 705E	---	---	12
13	---	---	801 081E	801 198E	801 126	801 017E	801 003E	800 889E	800 739E	800 704E	---	---	13
14	---	---	801 081E	801 198E	801 124E	801 016E	800 996E	800 882E	800 738E	800 704	---	---	14
15	---	---	801 081E	801 198	801 123E	801 041E	800 989E	800 875E	800 737E	800 703E	---	---	15
16	---	---	801.081E	801 198E	801 121	801 038E	800 983E	800 868E	800 736	800 702E	---	---	16
17	---	---	801 089E	801 197E	801 119E	801 037E	800 976	800 861E	800 734E	800 701E	---	---	17
18	---	---	801 096E	801 197E	801 116E	801 035E	800 972E	800 854L	800 732E	800 699E	---	---	18
19	---	---	801.104E	801 197E	801 114E	801 033E	800 987E	800 847E	800 730E	800 698E	---	---	19
20	---	---	801 111	801 197E	801 111	801 031E	800 963E	800 840E	800 728E	800 697E	---	---	20
21	---	---	801 121E	801 196E	801 105E	801 116	800 959E	800 833E	800 726E	800 695	---	---	21
22	---	---	801 131E	801 196	801 088E	801 126E	800 955E	800 826	800 724E	800 696E	---	---	22
23	---	---	801 141E	801 189E	801 092E	801 126E	800 950E	800 818E	800 722E	800 695E	---	---	23
24	---	---	801 151E	801 182E	801 085E	801 116	800 946	800 810E	800 720E	800 695E	---	---	24
25	---	---	801 161E	801 175E	801 079E	801 110E	800 940E	800 802E	800 718E	800 695E	---	---	25
26	---	---	801 171E	801 167E	801 072E	801 105E	800 933E	800 794E	800 716	800 695E	---	---	26
27	---	---	801 181	801 160E	801 065	801 099E	800 927E	800 785E	800 715E	800 695E	---	---	27
28	---	801 081	801 183E	801 153E	801 062E	801 093E	800 920E	800 777E	800 713E	800 695	---	---	28
29	---	801.081E	801 185E	801 146	801 059E	801 087E	800 914	800 769E	800 712E	800 695E	---	---	29
30	---		801 187E	801 144E	801 055E	801 082E	800 911E	800 761	800 710E	800 695E	---	---	30
31	---		801 189E		801 052E		800 909E	800 760E		800 695E		---	31
MEAN	---	---	801 113	801 188	801 109	801 056	800 990	800 856	800 736	800 701	---	---	MEAN
MAX	---	---	801 189	801 198	801 143	801 126	801 076	800 924	800 760	800 709	---	---	MAX
MIN	---	---	801 081	801 144	801 052	801 016	800 909	800 760	800 710	800 696	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 801 198 ON APR 8

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 14 22 N
LONG 105 50 55 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FIR RIVER NEAR HUDSON BAY - STATION NO 05LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1988	0.2268	0.3048	2.328	8.36	6.61	1.86	0.171	0.055	0.677	2.01 B	0.8888	1
2	0.1458	0.2058	0.2488	8.098	7.44	5.77	1.67	0.172	0.029	0.753	1.87 B	0.8068	2
3	0.1888	0.2018	0.2788	10.3 B	8.76	5.15	1.43	0.147	0.048	0.781	1.97 B	0.9128	3
4	0.1988	0.1808	0.1628	10.6 B	8.08	4.57	1.24	0.150	0.160	1.02	1.90 B	0.9148	4
5	0.1968	0.2748	0.1698	7.878	5.47	3.99	1.13	0.174	0.113	1.13	1.71 B	0.8318	5
6	0.1898	0.2328	0.1488	5.55	4.92	3.72	0.977	0.220	0.077	1.22	1.55 B	0.8188	6
7	0.2658	0.2108	0.1578	4.11	4.48	4.51	0.881	0.251	0.092	1.33	1.54 B	0.8008	7
8	0.2798	0.2218	0.2548	3.41	4.13	7.24	0.788	0.268	0.157	1.38	1.49 B	0.7638	8
9	0.2598	0.1638	0.1898	3.01	3.98	9.30	0.675	0.259	0.248	1.37	1.43 B	0.7308	9
10	0.2688	0.1508	0.2138	4.11	4.02	9.42	1.06	0.290	0.262	1.41	1.36 B	0.6828	10
11	0.2658	0.1768	0.2398	5.84	4.76	8.56	1.11	0.252	0.273	1.53	1.43 B	0.5478	11
12	0.2178	0.2408	0.1658	7.10	5.35	7.14	1.23	0.232	0.311	1.59	1.37 B	0.5178	12
13	0.1318	0.2488	0.3198	8.41	5.49	6.01	1.28	0.197	0.317	1.51	1.34 B	0.5528	13
14	0.1858	0.2748	0.2928	8.40	5.27	5.06	1.10	0.149	0.312	1.41	1.23 B	0.5228	14
15	0.1748	0.2878	0.2188	8.92	5.01	4.34	1.16	0.136	0.294	1.30	1.27 B	0.5278	15
16	0.1638	0.2868	0.2628	8.78	4.61	3.81	0.971	0.177	0.301	1.51	1.13 B	0.4898	16
17	0.1658	0.2728	0.3638	8.63	5.27	3.74	0.860	0.158	0.240	2.73	1.04 B	0.4628	17
18	0.1888	0.3148	0.4628	10.7	10.8	4.64	0.718	0.117	0.327	4.13	0.9818	0.4378	18
19	0.1558	0.3118	0.3338	10.8	17.0	4.45	0.605	0.087	0.321	4.36	0.9558	0.4638	19
20	0.1958	0.3228	0.4568	10.2	25.5	4.01	0.535	0.074	0.272	4.31	0.9188	0.4808	20
21	0.1778	0.2858	0.2048	9.88	27.5	3.85	0.469	0.099	0.335	3.98	0.8528	0.5358	21
22	0.1948	0.3168	0.1558	9.41	26.2	4.92	0.420	0.080	0.593	3.55	0.8858	0.5358	22
23	0.1798	0.2008	0.3348	8.63	23.2	5.33	0.378	0.095	0.746	3.14	0.8688	0.4778	23
24	0.1628	0.1498	0.3238	8.22	23.5	5.95	0.357	0.099	0.823	2.85 B	0.7988	0.5108	24
25	0.1588	0.1628	0.2388	10.2	26.6	4.91	0.329	0.049	0.684	2.20 B	0.7578	0.4808	25
26	0.1548	0.1448	0.4178	12.3	18.3	3.98	0.309	0.080	0.658	2.06 B	0.7158	0.4778	26
27	0.1748	0.1368	0.2858	13.0	15.4	3.31	0.278	0.081	0.613	2.42 B	0.7598	0.4478	27
28	0.1958	0.1908	0.2758	13.0	12.5	2.84	0.263	0.068	0.595	1.96 B	0.8868	0.4858	28
29	0.1718	0.2388	0.3308	11.4	10.6	2.48	0.230	0.074	0.608	1.96 B	0.9048	0.4648	29
30	0.1808		0.4918	9.31	9.09	2.18	0.204	0.074	0.647	2.03 B	0.8818	0.3948	30
31	0.2638		0.7518		7.82		0.192	0.058		2.07 B		0.3558	31
TOTAL	6.048	6.820	9.037	252.58	345.41	151.80	24.725	4.538	10.312	63.441	36.798	18.400	TOTAL
MEAN	0.195	0.228	0.292	8.42	11.1	5.06	0.798	0.146	0.344	2.05	1.23	0.594	MEAN
MAX	0.279	0.322	0.751	13.0	27.5	9.42	1.86	0.290	0.746	4.36	2.01	0.914	MAX
MIN	0.131	0.136	0.149	2.32	3.98	2.18	0.192	0.049	0.029	0.677	0.715	0.355	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.54
MAXIMUM DAILY, 27.5 ON MAY 21
MINIMUM DAILY, 0.029 ON SEP 2
MAXIMUM INSTANTANEOUS,
29.5 AT 08:08 CST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 45 58 N
LONG 102 23 44 W
DRAINAGE AREA, 508 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	523	JUL	2 140
FEB	572	AUG	392
MAR	781	SEP	891
APR	21 800	OCT	5 480
MAY	29 800	NOV	3 180
JUN	13 100	DEC	1 590

TOTAL DISCHARGE, 80 200 dam³

FISHING LAKE NEAR WADENA - STATION NO. 05MB013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	528.781	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	528.721	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	528.437	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	528.777	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	528.425	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	528.587	---	---	---	---	23
24	---	---	---	---	528.785	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	528.459	---	---	---	25
26	---	---	---	---	528.783	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	528.450	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	528.775	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 51 41 N
LONG 103 33 48 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

FLOWING WELL WEST INFLOW NEAR FLOWING WELL - STATION NO 05JC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001B	0.001	0	0	0	0	0	0	---	---	1
2	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	2
3	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	3
4	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	4
5	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	5
6	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	6
7	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	7
8	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	8
9	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	9
10	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	10
11	---	0 B	0 B	0.001	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0.018B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0.048B	0 B	0	0	0	0	0	0	0	---	---	14
15	---	0.038B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0.025B	0 B	0	0	0	0	0	0	0	---	---	16
17	---	0.020B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0.009B	0 B	0	0	0	0	0	0	0	---	---	18
19	---	0.004B	0.115B	0	0	0	0	0	0	0	---	---	19
20	---	0.003B	0.613B	0	0	0	0	0	0	0	---	---	20
21	---	0.045B	0.218B	0	0	0	0	0	0	0	---	---	21
22	---	0.049B	0.081B	0	0	0	0	0	0	0	---	---	22
23	---	0.038B	0.043B	0	0	0.346	0	0	0	0	---	---	23
24	---	0.025B	0.071B	0	0	0.084	0	0	0	0	---	---	24
25	---	0.015B	0.043B	0	0	0.019	0	0	0	0	---	---	25
26	---	0.009B	0.021	0	0	0.005	0	0	0	0	---	---	26
27	---	0.005B	0.015	0	0	0.003	0	0	0	0	---	---	27
28	---	0.003B	0.009	0	0	0.002	0	0	0	0	---	---	28
29	---	0.001B	0.004	0	0	0.001	0	0	0	0	---	---	29
30	---		0.003	0	0	0.001	0	0	0	0	---	---	30
31	---		0.002		0		0	0		0		---	31
TOTAL	---	0.352	1.220	0.011	0	0.481	0	0	0	0	---	---	TOTAL
MEAN	---	0.012	0.039	0	0	0.015	0	0	0	0	---	---	MEAN
MAX	---	0.049	0.613	0.001	0	0.346	0	0	0	0	---	---	MAX
MIN	---	0	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.613B ON MAR 20
MINIMUM DAILY, 0B ON MAR 2
MAXIMUM INSTANTANEOUS,
1.34B AT 08:47 CST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 04 N
LONG 105 56 46 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	30.4	AUG	0
MAR	105	SEP	0
APR	0.95	OCT	0
MAY	0	NOV	---
JUN	39.8	DEC	---

TOTAL DISCHARGE, 148 dam³

FOND DU LAC RIVER AT OUTLET OF BLACK LAKE - STATION NO 07LE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	263	233E	219	201	340	421	398	363	333	322	291	267	1
2	265	232E	219	200	345	422	394	362	335	322	290	267	2
3	263	231E	218	201	351	423	392	360	328	320	289	266	3
4	261	230E	217	202	356A	424	392	359	328	320	287	266	4
5	259	229E	218	202	360E	426	391	357	330	317	287	267	5
6	258	228E	218	203	365E	428	391	358	336	315	285	266	6
7	256	227E	217	205	370E	427	393	353	335	317	285	265	7
8	255	226E	216	207	375E	427	387	344	331	316	283	264	8
9	254	225E	216	209	380E	425	386	344	329	316	283	263	9
10	253	224E	216	212	384E	426	388	342	329	319	282	262	10
11	252	223E	215	214	388E	425	386	337	329	318	281	261	11
12	251	222E	215	215	392E	425	384	337	331	319	279	260	12
13	250	221E	214	216	395E	424	383	337	329	317	279	260	13
14	249	220A	212	217	398E	423	381	344	329	316	278	260	14
15	249	221A	212	219	400E	424A	378	344	329	313	279	258	15
16	247	218	212	221	402E	423A	378	343	329	320	278	257	16
17	248	219	211	224	404E	421	372	342	331	321	277	257	17
18	249	219	210	228	405E	421	370	342	335	320	277	255	18
19	248	218	209	235	408E	418	372	343	334	316	276	254	19
20	247	219	208	242	409E	418	371	344	336	314	275	252	20
21	246	219	207	249	410E	413	370	343	335	314	274	250	21
22	243A	218	207	257	411A	410	372	343	332	312	273	249	22
23	242E	217	206	270	412	410	369	342	329	310	273	247	23
24	241E	217	205	280	413	408	370	339	329	310	272	247	24
25	240E	218	205	287	414	407	373	339	329	310	271	245	25
26	239E	219	204	298	416	408	372	337	325	305	271	244	26
27	238E	218	303	309	415	408	371	339	322	302	271	243	27
28	237E	218	202	318	415	405	369	336	321	297	270	242	28
29	236E	218	202	325	416	405	367	331	320	295	269	240	29
30	235E		201	333	417	403	366	331	323	293	268	239	30
31	234E		201		421		365	332		292		238	31
TOTAL	7 706	6 446	6 535	7 189	12 188	12 549	11 752	10 673	9 891	9 699	8 353	7 911	TOTAL
MEAN	249	222	211	240	393	418	379	344	330	313	278	255	MEAN
MAX	265	233	219	333	421	428	398	363	336	322	291	267	MAX
MIN	234	217	201	200	340	403	365	331	320	292	268	238	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 303
MAXIMUM DAILY, 428 ON JUN 6
MINIMUM DAILY, 200 ON APR 2
MAXIMUM INSTANTANEOUS,
428 AT 11:25 CST ON JUN 6

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 08 50 N
LONG 105 32 20 W
DRAINAGE AREA, 49 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	886 000	JUL	1 020 000
FEB	557 000	AUG	922 000
MAR	585 000	SEP	855 000
APR	822 000	OCT	838 000
MAY	1 050 000	NOV	722 000
JUN	1 080 000	DEC	684 000

TOTAL DISCHARGE, 9 580 000 dam³

FOSTER RIVER ABOVE CHURCHILL RIVER - STATION NO 06CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 71	7 66	7 40	7 24	20 2	24 7	14 6	12 8	9 28	6 90	7 85	8 10	1
2	8 71	7 66	7 43	7 23	19 9	24 2	14 6	12 7	9 28	6 85	7 94	8 08	2
3	8 73	7 67	7 46	7 25	19 6	23 7	14 4	12 6	9 27	6 84	7 98	8 11	3
4	8 80	7 56	7 44	7 31	19 2	23 6	14 3	12 5	9 15	6 75	8 07	8 12	4
5	8 80	7 46	7 39	7 37	18 6	23 4	14 2	12 3	9 13	6 68	8 12	8 07	5
6	8 56	7 46	7 37	7 43	18 1	22 9	13 9	12 2	9 15	6 64	8 14	8 00	6
7	8 44	7 47	7 37	7 61	17 7	22 8	13 6	12 0	9 27	6 58	8 20	8 11	7
8	8 26	7 49	7 33	7 87	17 4	22 0	13 4	11 8	8 96	6 55	8 23	8 19	8
9	8 15	7 51	7 33	8 13	17 2	20 6	13 4	11 6	8 87	6 53	8 25	8 15	9
10	8 02	7 51	7 36	8 50	17 6	20 0	13 4	11 5	8 79	6 53	8 24	8 13	10
11	7 99	7 45	7 28	8 84	17 2	19 5	13 3	11 3	8 71	6 58	8 24	8 12	11
12	8 04	7 39	7 29	9 13	16 9	19 0	13 1	11 0	8 70	6 52	8 26	7 98	12
13	8 04	7 39	7 29	9 53	16 7	18 5	13 0	11 0	8 50	6 54	8 50	7 91	13
14	7 95	7 38	7 24	10 1	16 5	18 1	13 0	11 1	8 41	6 55	8 59	7 96	14
15	8 00	7 38	7 24	11 0	16 3	17 7	13 3	10 8	8 30	6 49	8 62	7 97	15
16	8 02	7 39	7 26	12 0	16 4	17 4	13 2	10 7	8 16A	6 77	8 57	7 86	16
17	7 81	7 38	7 27	13 2	17 2	17 1	13 0	10 7	8 01E	6 93	8 46	7 84	17
18	7 91	7 35	7 31	14 3	18 0	16 9	12 9	10 7	7 89A	6 97	8 41	7 77	18
19	7 86	7 35	7 38	15 6	18 1	16 6	12 7	10 7	7 83E	7 01	8 42	7 74	19
20	7 80	7 40	7 40	17 1	18 6	16 4	13 0	10 6	7 77E	7 02	8 39	7 76	20
21	7 81	7 40	7 33	18 5	19 6	16 2	13 3	10 7	7 72E	7 01	8 45	7 77	21
22	7 81	7 56	7 32	19 6	20 4	16 1	13 1	10 4	7 64A	7 00	8 44	7 73	22
23	7 83	7 45	7 31	20 8	21 2	15 8	13 1	10 4	7 43A	7 01	8 41	7 82	23
24	7 84	7 46	7 31	21 5	22 2	15 6	13 1	10 3	7 28E	7 05	8 41	7 58	24
25	7 71	7 40	7 28	22 0	23 2	15 7	13 1	10 2	7 20A	7 15	8 40	7 56	25
26	7 69	7 41	7 22	22 0	24 2	15 5	13 2	9 98	7 19	7 39	8 22	7 48	26
27	7 84	7 36	7 22	21 8	24 8	15 5	13 1	9 89	7 19	7 39	8 07	7 41	27
28	7 66	7 34	7 19	21 8	25 2	15 6	13 1	9 67	7 07	7 43	8 02	7 39	28
29	7 71	7 38	7 [illegible]	21 1	25 6	15 6	13 1	9 52	6 98	7 47	8 05	7 30	29
30	7 69		7 21	20 6	25 6	15 1	13 1	9 40	6 92	7 57	8 07	7 26	30
31	7 66		7 22		25 3		13 0	9 31		7 70		7 21	31
TOTAL	249 35	216 05	226 68	406 04	614 7	562 0	414 8	340 37	246 05	214 41	248 02	242 29	TOTAL
MEAN	8 04	7 45	7 31	13 5	19 8	18 7	13 4	11 0	8 20	6 92	8 27	7 82	MEAN
MAX	8 73	7 67	7 46	22 0	25 6	24 7	14 6	12 8	9 28	7 70	8 62	8 19	MAX
MIN	7 66	7 34	7 19	7 23	16 3	15 1	12 7	9 31	6 92	6 49	7 85	7 21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10 9
MAXIMUM DAILY, 25 6 ON MAY 29
MINIMUM DAILY, 6 49 ON OCT 15
MAXIMUM INSTANTANEOUS,
25 8 AT 21:09 CST ON MAY 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 49 30 N
LONG 105 45 20 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 500	JUL	35 600
FEB	18 700	AUG	29 400
MAR	18 800	SEP	21 300
APR	35 100	OCT	18 500
MAY	53 100	NOV	21 400
JUN	48 800	DEC	30 900

TOTAL DISCHARGE, 344 000 dam³

FRENCHMAN RIVER AT INTERNATIONAL BOUNDARY - STATION NO 11AC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.135E	0.024	0.387	0.902	0.007	0	0	0	---	---	1
2	---	---	0.140E	0.017	0.301	1.21	0.006	0	0	0	---	---	2
3	---	---	0.145E	0.016	0.226	1.12	0.004	0	0	0	---	---	3
4	---	---	0.145E	0.031	0.473	0.987	0.001	0	0	0	---	---	4
5	---	---	0.145E	0.007	0.628	0.902	0	0	0	0	---	---	5
6	---	---	0.145E	0.190	0.588	1.24	0	0	0	0	---	---	6
7	---	---	0.145E	0.181	0.553	1.19	0	0	0	0	---	---	7
8	---	---	0.140E	0.276	0.581	1.21	0	0	0	0	---	---	8
9	---	---	0.140E	0.479	0.680	1.19	0	0	0	0	---	---	9
10	---	---	0.140E	0.485	0.713	1.18	0	0	0	0	---	---	10
11	---	---	0.140E	0.351	0.855	1.20	0	0	0	0	---	---	11
12	---	---	0.135E	0.213	0.982	1.18	0	0	0	0	---	---	12
13	---	---	0.130E	0.213	0.942	1.14	0	0	0	0	---	---	13
14	---	---	0.125E	0.121	0.883	1.14	0	0	0	0	---	---	14
15	---	---	0.120E	0.112	0.873	1.09	0	0	0	0	---	---	15
16	---	---	0.120E	0.058	0.873	0.972	0	0	0	0	---	---	16
17	---	---	0.120E	0.065	0.864	0.836	0	0	0	0	---	---	17
18	---	---	0.150E	0.080	0.845	0.453	0	0	0	0	---	---	18
19	---	---	0.350E	0.037	0.836	0.262	0	0	0	0	---	---	19
20	---	---	0.588A	0.588	0.818	0.168	0	0	0	0	---	---	20
21	---	---	0.596	0.406	1.09	0.096	0	0	0	0	---	---	21
22	---	---	0.756	0.426	1.73	0.080	0	0	0	0	---	---	22
23	---	---	0.705	0.286	1.64	0.107	0	0	0	0	---	---	23
24	---	---	0.603	0.266	1.57	0.109	0	0	0	0	---	---	24
25	---	---	0.560	0.226	1.88	0.115	0	0	0	0	---	---	25
26	---	---	0.581	0.262	1.71	0.121	0	0	0	0	---	---	26
27	---	---	0.317	0.363	1.52	0.093	0	0	0	0	---	---	27
28	---	---	0.248	0.363	1.44	0.054	0	0	0	0	---	---	28
29	---	---	0.101	0.381	1.39	0.025	0	0	0	0	---	---	29
30	---		0.034	0.446	1.30	0.013	0	0	0	0	---	---	30
31	---		0.024		1.03		0	0		0		---	31
TOTAL	---	---	7.923	6.929	29.999	20.385	0.018	0	0	0	---	---	TOTAL
MEAN	---	---	0.256	0.231	0.968	0.680	0.001	0	0	0	---	---	MEAN
MAX	---	---	0.756	0.588	1.73	1.24	0.007	0	0	0	---	---	MAX
MIN	---	---	0.024	0.007	0.226	0.013	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.286
MAXIMUM DAILY, 1.73 ON MAY 22
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
1.82 AT 10:00 CST ON MAY 22

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 00 N
LONG 107 18 06 W
DRAINAGE AREA, 5 490 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 56
FEB	---	AUG	0
MAR	685	SEP	0
APR	599	OCT	0
MAY	2 580	NOV	---
JUN	1 760	DEC	---

TOTAL DISCHARGE, 5 640 dam³

FRENCHMAN RIVER BELOW EASTEND RESERVOIR - STATION NO 11AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.563B	0.827B	0.410E	0.324E	0.050	0.058	0.015	0.193	---	---	1
2	---	---	0.563B	0.804B	0.402E	0.325E	0.063	0.051	0.012	0.172	---	---	2
3	---	---	0.562B	0.796	0.393E	0.326E	0.077	0.049	0.010	0.197	---	---	3
4	---	---	0.562B	0.776	0.385E	0.328E	0.057	0.049	0.006	0.232	---	---	4
5	---	---	0.561B	0.775	0.377E	0.329A	0.034	0.050	0.002	0.226	---	---	5
6	---	---	0.561B	0.779	0.368E	0.303A	0.065	0.050	0.004	0.273	---	---	6
7	---	---	0.560B	1.33	0.360E	0.294	0.068	0.050	0.008	0.346	---	---	7
8	---	---	0.560B	2.22	0.352E	0.283	0.052	0.050	0.007	0.315	---	---	8
9	---	---	0.530B	2.76	0.343E	0.280	0.008	0.050	0.008	0.254	---	---	9
10	---	---	0.527B	2.87	0.335E	0.279	0	0.050	0.010	0.258	---	---	10
11	---	---	0.492B	2.98	0.390E	0.282	0	0.050	0.017	0.329	---	---	11
12	---	---	0.572B	2.29	0.502E	0.282	0	0.051	0.022	0.193	---	---	12
13	---	---	0.533B	2.11	0.495E	0.284	0	0.051	0.030	0.145	---	---	13
14	---	---	0.535B	1.84	0.488E	0.296	0	0.051	0.037	0.177	---	---	14
15	---	---	0.526B	1.58	0.481A	0.288	0	0.051	0.042	0.183	---	---	15
16	---	---	0.521B	1.15	0.481A	0.289	0.028	0.051	0.049	0.173	---	---	16
17	---	---	0.516B	1.04	0.503E	0.304	0.017	0.051	0.055	0.345	---	---	17
18	---	---	0.550B	0.886	0.524E	0.306	0.015	0.051	0.063	0.905	---	---	18
19	---	---	0.586B	0.840	0.517E	0.309	0.087	0.052	0.070	0.717	---	---	19
20	---	---	0.632B	0.816	0.510E	0.311	0.186	0.052	0.113	0.626	---	---	20
21	---	0.567B	0.751B	0.783	0.502E	0.276	0.185	0.052	0.153	0.519	---	---	21
22	---	0.567B	0.903B	0.771	0.495E	0.184	0.162	0.052	0.204	0.496	---	---	22
23	---	0.566B	0.782B	0.728	0.488E	0.183	0.145	0.052	0.207	0.387	---	---	23
24	---	0.566B	0.783B	0.568A	0.480E	0.174	0.128	0.052	0.232	0.881	---	---	24
25	---	0.565B	0.794B	0.480E	0.398E	0.170	0.117	0.052	0.431	0.585	---	---	25
26	---	0.565B	0.784B	0.452E	0.316E	0.192	0.105	0.052	0.467	0.459	---	---	26
27	---	0.564B	0.828B	0.443E	0.317E	0.198	0.096	0.042	0.226	0.1358	---	---	27
28	---	0.564B	0.834B	0.435E	0.319E	0.187	0.088	0.028	0.282	0.2458	---	---	28
29	---	0.564B	0.835B	0.427E	0.320E	0.073	0.079	0.024	0.228	0.3428	---	---	29
30	---		0.826B	0.418E	0.321E	0.070	0.072	0.021	0.210	0.3408	---	---	30
31	---		0.829B		0.322E		0.065	0.019		0.3388		---	31
TOTAL	---	---	18.961	34.965	12.894	7.709	2.059	1.464	3.219	11.006	---	---	TOTAL
MEAN	---	---	0.564	1.17	0.415	0.257	0.066	0.047	0.107	0.355	---	---	MEAN
MAX	---	---	0.803	2.98	0.524	0.329	0.186	0.058	0.467	0.905	---	---	MAX
MIN	---	---	0.492	0.418	0.316	0.070	0	0.019	0.002	0.135	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.381
MAXIMUM DAILY, 2.98 ON APR 11
MINIMUM DAILY, 0 ON JUL 10
MAXIMUM INSTANTANEOUS,
3.08 AT 17:28 CST ON APR 10

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 54 N
LONG 108 50 16 W
DRAINAGE AREA, 1 500 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	178
FEB	---	AUG	126
MAR	1 720	SEP	278
APR	3 020	OCT	951
MAY	1 110	NOV	---
JUN	888	DEC	---

TOTAL DISCHARGE, 8 050 dam³

FRENCHMAN RIVER BELOW NEWTON LAKE - STATION NO 11AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.162	0.173	0.008	1.33	0.042	0.033E	0	0	---	---	1
2	---	---	0.161	0.170	0.008	1.28	0.046	0.030E	0	0	---	---	2
3	---	---	0.160	0.244	0.008	1.26	0.048	0.027E	0	0	---	---	3
4	---	---	0.158	0.476	0.033	1.25	0.043	0.024E	0	0	---	---	4
5	---	---	0.158	0.478	0.324	1.24	0.040	0.021E	0	0	---	---	5
6	---	---	0.149	0.483	0.326	1.21	0.041	0.018E	0	0	---	---	6
7	---	---	0.145	0.483	0.326	1.20	0.043	0.025E	0	0	---	---	7
8	---	---	0.151	0.534	0.328	1.19	0.040	0.035E	0	0	---	---	8
9	---	---	0.152	0.592	0.322	1.18	0.038	0.005E	0	0	---	---	9
10	---	---	0.146	0.701	0.312	1.17	0.036	0.003E	0	0	---	---	10
11	---	---	0.144	0.858	0.305	1.13	0.034	0.001E	0	0	---	---	11
12	---	---	0.148	0.837	0.306	1.11	0.027	0 E	0	0	---	---	12
13	---	---	0.144	0.818	0.298	0.355	0.035	0 E	0	0	---	---	13
14	---	---	0.147	0.816	0.286	0.211	0.040	0 E	0	0	---	---	14
15	---	---	0.147	0.830	0.292	0.205	0.038	0 E	0	0	---	---	15
16	---	---	0.148	0.832	0.298	0.209	0.034	0 E	0	0	---	---	16
17	---	---	0.152	0.832	0.459	0.195	0.028	0 E	0	0	---	---	17
18	---	---	0.158	0.830	1.15	0.194	0.019	0 E	0	0	---	---	18
19	---	---	0.152	0.819	1.70	0.155	0.016	0 E	0	0	---	---	19
20	---	0.155A	0.153	0.809	1.71	0.103	0.014	0 E	0	0	---	---	20
21	---	0.154	0.160	0.560	1.70	0.091	0.009	0 E	0	0	---	---	21
22	---	0.149	0.160	0.387	1.75	0.097	0.008A	0 E	0	0	---	---	22
23	---	0.155	0.160	0.390	1.67	0.092	0.017A	0 E	0	0	---	---	23
24	---	0.158	0.164	0.411	1.83	0.093	0.046	0 E	0	0	---	---	24
25	---	0.155	0.163	0.406	1.70	0.093	0.041	0 E	0	0	---	---	25
26	---	0.155	0.166	0.360	1.67	0.086	0.038	0 E	0	0	---	---	26
27	---	0.157	0.168	0.017	1.49	0.047	0.035	0 E	0	0	---	---	27
28	---	0.158	0.168	0.010	1.39	0.042	0.059	0 A	0	0	---	---	28
29	---	0.162	0.169	0.009	1.32	0.038	0.059	0	0	0	---	---	29
30	---		0.173	0.008	1.33	0.039	0.047	0	0	0	---	---	30
31	---		0.173		1.37		0.038A	0		0		---	31
TOTAL	---	---	4.854	15.131	26.219	18.875	1.093	0.222	0	0	---	---	TOTAL
MEAN	---	---	0.157	0.504	0.846	0.563	0.035	0.007	0	0	---	---	MEAN
MAX	---	---	0.173	0.858	1.87	1.33	0.059	0.035	0	0	---	---	MAX
MIN	---	---	0.144	0.008	0.008	0.038	0.008	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.263
MAXIMUM DAILY, 1.87 ON MAY 23
MINIMUM DAILY, 0E ON AUG 12
MAXIMUM INSTANTANEOUS,
2.18 AT 22.25 CST ON MAY 23

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 18 07 N
LONG 107 48 20 W
DRAINAGE AREA, 3 480 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	94.4
FEB	---	AUG	19.2
MAR	419	SEP	0
APR	1 310	OCT	0
MAY	2 270	NOV	---
JUN	1 460	DEC	---

TOTAL DISCHARGE, 5 570 dam³

PROBISHER INDEX RESERVOIR - STATION NO 05ND006

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	28.490E	29.198E	29.681	29.485	29.147	28.863F	28.260E	27.956E	27.920E	27.989	---	1
2	---	28.490E	29.197E	29.679	29.465	29.137	28.846E	28.345E	27.952E	27.918E	---	---	2
3	---	28.490E	29.195	29.684	29.476	29.130E	28.829E	28.330E	27.948E	27.918E	---	---	3
4	---	28.480E	29.198E	29.673	29.474E	29.125	28.812E	28.315E	27.944E	27.915E	---	---	4
5	---	28.490E	29.201E	29.671E	29.473	29.117	28.795E	28.300E	27.940E	27.920E	---	---	5
6	---	28.490E	29.204E	29.669	29.458E	29.101	28.790E	28.285E	27.950E	27.935E	---	---	6
7	---	28.480E	29.207E	29.667	29.443	29.101	28.773E	28.270E	27.946E	27.936E	---	---	7
8	---	28.490E	29.209E	29.651E	29.427	29.094E	28.756E	28.255E	27.948E	27.935E	28.013	---	8
9	---	28.490E	29.212E	29.635	29.416	29.087	28.739E	28.240E	27.946E	27.934E	---	---	9
10	---	28.553	29.215E	29.633	29.403E	29.090E	28.722E	28.225E	27.942E	27.933E	---	---	10
11	---	28.581	29.218E	29.631	29.391	29.095E	28.705E	28.210E	27.955E	27.932E	---	---	11
12	---	28.700E	29.221E	29.635	29.375	29.089E	28.688E	28.195E	27.950E	27.931E	---	---	12
13	---	28.739	29.224E	29.645	29.383	29.072E	28.671E	28.180E	27.945E	27.930E	---	---	13
14	---	28.820E	29.227E	29.633	29.351E	29.056E	28.654E	28.170E	27.940E	27.938E	---	---	14
15	---	28.901	29.230E	29.622E	29.327E	29.040E	28.637E	28.155E	27.935E	27.950E	---	---	15
16	---	28.949E	29.233E	29.611	29.327	29.024E	28.620E	28.150E	27.930E	27.980E	---	---	16
17	---	28.997E	29.236E	29.595	29.311E	29.008E	28.603E	28.135E	27.920E	27.998E	---	---	17
18	---	29.045E	29.238E	29.581E	29.295E	28.992E	28.587E	28.120E	27.910E	27.987E	---	---	18
19	---	29.093E	29.239	29.567	29.279	28.976E	28.569E	28.105E	27.907	27.986E	---	---	19
20	---	29.141E	29.583	29.555	29.273	28.980E	28.552E	28.090E	27.910E	27.985E	---	---	20
21	---	29.187	29.641	29.535E	29.261	28.985E	28.535E	28.085E	27.925E	27.984E	---	---	21
22	---	29.196E	29.656	29.518E	29.243	28.976E	28.518E	28.070E	27.924E	27.983E	---	---	22
23	---	29.205	29.661	29.497	29.233	28.960E	28.501E	28.055E	27.934E	27.982E	---	---	23
24	---	29.204E	29.659	29.485	29.224E	28.940E	28.484E	28.040E	27.922E	27.981E	---	---	24
25	---	29.203E	29.693	29.467	29.215	28.930E	28.467E	28.025E	27.932E	27.980E	---	---	25
26	---	29.202E	29.691	29.473E	29.205	28.925E	28.450E	28.010E	27.930E	27.989E	---	---	26
27	---	29.201E	29.691	29.479E	29.201E	28.920	28.433E	27.995E	27.928E	27.990E	---	---	27
28	---	29.200	29.688	29.485E	29.197	28.909	28.416E	27.981E	27.926E	27.990E	---	---	28
29	---	29.199E	29.687	29.491E	29.175E	28.894	28.399E	27.968	27.924E	27.990E	---	---	29
30	---		29.685	29.497	29.156	28.880	28.382E	27.984E	27.922E	27.990E	---	---	30
31	---		29.683		29.151E		28.374	27.980E		27.990E		---	31
MEAN	---	28.856	29.391	29.588	29.326	29.026	28.518	28.148	27.935	27.959	---	---	MEAN
MAX	---	29.205	29.693	29.684	29.485	29.147	28.863	28.360	27.956	27.990	---	---	MAX
MIN	---	28.480	29.195	29.467	29.151	28.880	28.374	27.980	27.907	27.915	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.693 ON MAR 25
MINIMUM DAILY, 27.907 ON SEP 19

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 11 47 N
LONG 102 22 38 W

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

GAFF DITCH NEAR MERRYFLAT - STATION NO 11AB102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0 B	0.398	0.279	0.001	0	0.085	0	---	---	1
2	---	---	0.0	0 B	0.532	0.250	0.001	0	0.082	0	---	---	2
3	---	---	0.0	0 B	0.482	0.242	0.002	0.007	0.092	0	---	---	3
4	---	---	0.0	0 B	0.491	0.228	0.001	0.005	0.100	0	---	---	4
5	---	---	0.0	0 B	0.544	0.235	0.001	0.011	0.105	0	---	---	5
6	---	---	0.0	0 B	0.633	0.247	0.001	0.009	0.134	0	---	---	6
7	---	---	0.0	0.1028	0.539	0.239	0.002	0.008	0.155	0	---	---	7
8	---	---	0.0	0.2808	0.619	0.226	0.002	0.005	0.166	0	---	---	8
9	---	---	0.0	0.4055	0.594	0.180	0.012	0.002	0.190	0	---	---	9
10	---	---	0.0	0.5188	0.562	0.097	0.034	0.002	0.117	0	---	---	10
11	---	---	0.0	0.5888	0.511	0.057	0.027	0.001	0.011	0	---	---	11
12	---	---	0.0	0.478	0.295	0.004	0.017	0.002	0.004	0	---	---	12
13	---	---	0.0	0.315	0.087	0.009	0.020	0	0.001	0	---	---	13
14	---	---	0.0	0.262	0.034	0.008	0.017	0	0.001	0	---	---	14
15	---	---	0.0	0.247	0.010	0.012	0.021	0	0.001	0	---	---	15
16	---	---	0.0	0.342	0.008	0.003	0.019	0	0	0	---	---	16
17	---	---	0.0	0.388	0.358	0.004	0.013	0	0	0	---	---	17
18	---	---	0.0	0.396	0.516	0.004	0.014	0	0	0	---	---	18
19	---	---	0.0	0.367	0.432	0.005	0.010	0	0	0	---	---	19
20	---	---	0.0	0.371	0.372	0.003	0.008	0	0	0	---	---	20
21	---	---	0.0	0.361	0.326	0.001	0.008	0	0	0	---	---	21
22	---	---	0.0	0.332	0.302	0.001	0.007	0	0	0	---	---	22
23	---	0.0	0.0	0.289	0.294	0	0.007	0	0	0	---	---	23
24	---	0.0	0.0	0.496	0.275	0.001	0.008	0	0	0	---	---	24
25	---	0.0	0.0	0.537	0.274	0.001	0.008	0.002	0	0	---	---	25
26	---	0.0	0.0	0.426	0.285	0	0.006	0.003	0.029	0	---	---	26
27	---	0.0	0.0	0.370	0.345	0.001	0.005	0.001	0.057	0	---	---	27
28	---	0.0	0.0	0.359	0.469	0.001	0.005	0.002	0.007	0	---	---	28
29	---	0.0	0.0	0.306	0.520	0	0.005	0	0	0	---	---	29
30	---		0.0	0.331	0.414	0.001	0.003	0.043	0	0	---	---	30
31	---		0.0		0.327		0	0.054		0		---	31
TOTAL	---	---	0	8.863	11.946	2.319	0.285	0.157	1.337	0	---	---	TOTAL
MEAN	---	---	0	0.295	0.385	0.077	0.009	0.005	0.045	0	---	---	MEAN
MAX	---	---	0	0.588	0.639	0.279	0.034	0.054	0.190	0	---	---	MAX
MIN	---	---	0	0	0.008	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 0.639 ON MAY 7
MINIMUM DAILY, 0.0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 05 N
LONG 109 50 07 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	24.5
FEB	---	AUG	13.5
MAR	0	SEP	115
APR	766	OCT	0
MAY	1 030	NOV	---
JUN	200	DEC	---

TOTAL DISCHARGE, 2 150 dam³

GAINSBOROUGH CREEK NEAR STORTHOAKS - STATION NO 05NP013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0.0038	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0.0028	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0.0188	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0.0578	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0.0488	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0.0598	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0.0518	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0.052	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0.059	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0.068	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0.064	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0.055	0	0	0	0	0	---	---	12
13	---	---	0 B	0.003	0.053	0	0	0	0	0	---	---	13
14	---	---	0 B	0.003	0.043	0	0	0	0	0	---	---	14
15	---	---	0 B	0.001	0.030	0	0	0	0	0	---	---	15
16	---	---	0 B	0.001	0.019	0	0	0	0	0	---	---	16
17	---	---	0 B	0.001	0.012	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0.006	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0.004	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0.002	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0.002	0	0	0	0	0	---	---	21
22	---	---	0.0038	0	0	0	0	0	0	0	---	---	22
23	---	---	0.0048	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0048	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0038	0	0	0	0	0	0	0	---	---	25
26	---	---	0.002	0	0	0	0	0	0	0	---	---	26
27	---	---	0.001	0.0068	0	0	0	0	0	0	---	---	27
28	---	---	0.001	0.0108	0	0	0	0	0	0	---	---	28
29	---	---	0	0.0028	0	0	0	0	0	0	---	---	29
30	---		0	0.0018	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0.018	0.028	0.707	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.001	0.001	0.023	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.004	0.010	0.068	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.068 ON MAY 10
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.072 AT 23 20 CST ON MAY 10

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 51 N
LONG 101 31 36 W
DRAINAGE AREA, 712 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1.55	SEP	0
APR	3.42	OCT	0
MAY	61.1	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 65.1 dam³

GAP CREEK BELOW DOWNIE LAKE DIVERSION - STATION NO 05HA069

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.014	0.009	0.003	0.001	0	0	0	0	---	---	1
2	---	---	0.019	0.009	0.003	0.001	0	0	0	0	---	---	2
3	---	---	0.021	0.007	0.003	0.001	0	0	0	0	---	---	3
4	---	---	0.022	0.007	0.004	0.002	0	0	0	0	---	---	4
5	---	---	0.022	0.011	0.004	0.002	0	0	0	0	---	---	5
6	---	---	0.024	0.026	0.004	0.027	0	0	0	0	---	---	6
7	---	---	0.0388	0.046	0.005	0.008	0	0	0	0	---	---	7
8	---	---	0.068	0.046	0.004	0.003	0	0	0	0	---	---	8
9	---	---	0.0668	0.035	0.003	0.002	0	0	0	0	---	---	9
10	---	---	0.0148	0.051	0.002	0.003	0	0	0	0	---	---	10
11	---	---	0.0138	0.031	0.002	0.018	0	0	0	0	---	---	11
12	---	---	0.0128	0.018	0.002	0.011	0	0	0	0	---	---	12
13	---	---	0.0118	0.014	0.003	0.004	0	0	0	0	---	---	13
14	---	0.0488	0.0118	0.013	0.003	0.003	0	0	0	0	---	---	14
15	---	0.0358	0.0108	0.012	0.009	0.003	0	0	0	0	---	---	15
16	---	0.0268	0.0128	0.010	0.021	0.001	0	0	0	0	---	---	16
17	---	0.0238	0.0278	0.008	0.045	0	0	0	0	0	---	---	17
18	---	0.0218	0.038A	0.008	0.028	0	0	0	0	0	---	---	18
19	---	0.0188	0.045	0.010	0.023	0	0	0	0	0	---	---	19
20	---	0.0208	0.053	0.009	0.014	0	0	0	0	0	---	---	20
21	---	0.0548	0.082	0.006	0.009	0	0	0	0	0	---	---	21
22	---	0.1168	0.104	0.007	0.007	0	0	0	0	0	---	---	22
23	---	0.1278	0.128	0.007	0.043	0	0	0	0	0	---	---	23
24	---	0.0848	0.159	0.004	0.014	0	0	0	0	0	---	---	24
25	---	0.0588	0.136	0.004	0.013	0	0	0	0	0	---	---	25
26	---	0.0328	0.118	0.004	0.011	0	0	0	0	0	---	---	26
27	---	0.0218	0.100	0.003	0.014	0	0	0	0	0	---	---	27
28	---	0.0188	0.088	0.003	0.013	0	0	0	0	0	---	---	28
29	---	0.0138	0.045	0.003	0.008	0	0	0	0	0	---	---	29
30	---		0.021	0.003	0.003	0	0	0	0	0	---	---	30
31	---		0.010		0.002		0			0		---	31
TOTAL	---	---	1.408	0.422	0.318	0.080	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.045	0.014	0.010	0.003	0	0	0	0	---	---	MEAN
MAX	---	---	0.159	0.051	0.045	0.027	0	0	0	0	---	---	MAX
MIN	---	---	0.010	0.003	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.048
MAXIMUM DAILY, 0.159 ON MAR 24
MINIMUM DAILY, 0 ON JUN 17
MAXIMUM INSTANTANEOUS,
0.279 AT 10:31 CST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 13 N
LONG 109 38 15 W
DRAINAGE AREA, 235 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	121	SEP	0
APR	36.5	OCT	0
MAY	27.5	NOV	---
JUN	7.78	DEC	---

TOTAL DISCHARGE 193 dam³

GARDEN RIVER NEAR HENRIBOURG - STATION NO 05GG010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.3548	0.115	3.14	0.701	0	0	0	0.1238	---	1
2	---	---	0 B	0.4378	0.038	2.80	0.516	0	0	0	0.1258	---	2
3	---	---	0 B	0.5118	0.006	2.49	0.405	0	0	0	0.1348	---	3
4	---	---	0 B	0.7518	0.008	2.29	0.267	0	0	0	0.1308	---	4
5	---	---	0 B	1.22 B	0.006	2.06	0.180	0	0	0	0.1318	---	5
6	---	---	0 B	1.20 B	0.006	2.25	0.088	0	0	0	---	---	6
7	---	---	0 B	1.59 B	0.006	2.51	0.171	0	0	0	---	---	7
8	---	---	0 B	5.29 B	0.006	2.75	0.185	0	0	0	---	---	8
9	---	---	0 B	10.2	0.006	3.77	0.113	0	0	0	---	---	9
10	---	---	0 B	12.9	0.023	3.06	0.472	0	0	0	---	---	10
11	---	---	0 B	13.3	0.748	3.81	0.182	0	0	0	---	---	11
12	---	---	0 B	11.0	0.671	4.88	0.150	0	0	0	---	---	12
13	---	---	0 B	9.40	0.520	5.04	0.173	0	0	0	---	---	13
14	---	---	0 B	7.59	0.437	5.45	0.249	0	0	0	---	---	14
15	---	---	0 B	6.19	0.318	4.82	0.204	0	0	0	---	---	15
16	---	---	0 B	5.07	0.382	4.46	0.117	0	0	0.012	---	---	16
17	---	---	0 B	4.07	0.959	4.13	0.132	0	0	0.065	---	---	17
18	---	---	0 B	3.10	1.45	3.43	0.078	0	0	0.082	---	---	18
19	---	---	0 B	2.38	1.73	3.10	0.028	0	0	0.073	---	---	19
20	---	---	0 B	1.91	1.86	2.72	0.016	0	0	0.076	---	---	20
21	---	---	0 B	1.21	2.84	2.43	0.016	0	0	0.077	---	---	21
22	---	---	0 B	0.834	3.26	2.13	0.004	0	0	0.095	---	---	22
23	---	---	0 B	0.715	4.22	2.06	0	0	0	0.110	---	---	23
24	---	---	0 B	0.780	5.28	1.97	0	0	0	0.127	---	---	24
25	---	---	0.0038	0.680	5.78	1.83	0	0	0	0.123	---	---	25
26	---	---	0.0058	0.536	5.98	1.65	0	0	0	0.1158	---	---	26
27	---	---	0.0088	0.378	5.72	1.45	0	0	0	0.1258	---	---	27
28	---	---	0.0458	0.324	5.35	1.25	0	0	0	0.1328	---	---	28
29	---	---	0.0918	0.237	4.93	1.01	0	0	0	0.1348	---	---	29
30	---		0.0838	0.209	4.19	0.858	0	0	0	0.1198	---	---	30
31	---		0.1918		3.67		0			0.1278		---	31
TOTAL	---	---	0.426	103.136	80.479	85.458	4.407	0	0	1.582	---	---	TOTAL
MEAN	---	---	0.014	3.44	1.95	2.85	0.142	0	0	0.051	---	---	MEAN
MAX	---	---	0.191	12.9	5.98	5.04	0.701	0	0	0.134	---	---	MAX
MIN	---	---	0	0.209	0.006	0.858	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 12.9 ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
13.1 AT 12:17 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 23 38 N
LONG 105 36 39 W
DRAINAGE AREA, 803 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	381
FEB	---	AUG	0
MAR	35.8	SEP	0
APR	8 910	OCT	137
MAY	5 230	NOV	---
JUN	7 380	DEC	---

TOTAL DISCHARGE, 22 100 dam³

GEIKIE RIVER BELOW WHEELER RIVER - STATION NO 06DA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33 1	31 4B	32 8B	34 0	87 8	82 1	49 8	39 2	28 0	26 9	33 7A	33 6A	1
2	33 0	31 2B	32 9B	34 1	84 6	82 9	47 3	38 3	27 7	26 7	33 1A	33 3A	2
3	33 0	30 6B	32 9B	34 7	81 1	85 6	46 2	37 8	27 3	26 3	32 6A	32 9A	3
4	32 7	30 4B	32 8B	35 2	78 3	87 2	45 7	37 0	27 3	26 3	32 5A	32 6A	4
5	32 6	30 2B	32 8B	35 9	75 1	87 8	45 5	36 3	27 0	26 8	32 2A	32 3	5
6	32 3	30 1B	32 8B	36 4	73 6	88 2	45 2	35 4	26 7	26 8	31 8A	32 0	6
7	32 1	30 2B	32 8B	37 2	72 7	87 1	45 4	37 1	26 2	26 8	31 5A	31 7	7
8	32 0	30 3B	32 9B	37 9	70 9	85 8	45 1	39 9A	25 1	26 9	31 3A	31 5	8
9	31 8B	30 4B	33 0B	39 0	69 3	87 4	43 8	38 7A	25 5	27 1	31 4	31 5	9
10	31 8B	30 7B	33 1B	40 6	67 3	87 2	43 0	37 8A	26 0	27 4	31 7	31 5	10
11	31 8B	31 1B	33 3B	42 8	66 8	84 7	42 7	37 4A	26 3	27 0	31 6	31 5	11
12	31 7B	31 5B	33 3B	45 1	65 9	83 3	42 4	37 0A	26 5	27 1	32 0	31 4	12
13	31 7B	31 3B	33 7B	47 5	64 7	82 3	41 9	36 4A	26 3	27 9	32 3	31 2	13
14	31 6B	31 3B	34 0B	49 5	63 3	82 2	41 7	36 3A	26 6	27 9	32 2	30 7	14
15	31 5B	31 4B	34 2B	51 8	62 1	80 9	41 9	35 7A	26 9	27 8	32 5	30 7	15
16	31 7B	31 4B	34 4B	53 5	61 5	58 7	41 8	35 2A	26 9	28 1	32 4	30 6	16
17	32 0B	31 6B	34 4B	53 9	61 5	57 5	41 9	34 1A	27 0	28 4	32 2	29 5	17
18	32 1B	31 6B	34 3B	79 7	64 1	56 7	41 3	33 1	26 7	29 4	32 0	28 5	18
19	32 0B	31 8B	34 3B	96 5	66 9	56 0	40 8	33 0	25 9	31 9	32 1	27 9	19
20	32 0B	31 9B	34 5B	102	67 7	55 3	40 2	32 3	25 9	34 3	31 8	27 4	20
21	32 0B	31 9B	34 8B	113	67 7	55 7	41 3	31 3	26 3	35 9	31 7	27 8	21
22	31 8B	32 0B	34 9B	116	66 1	54 9	41 1	31 7	26 5	37 3	32 3	27 8	22
23	31 7B	31 9B	34 9B	116	67 9	53 6	41 2	31 3	26 7	37 8	33 2	28 2	23
24	31 7B	32 1B	34 7B	111	67 4	53 7	41 5	30 5	27 2	37 8	33 8	28 3	24
25	31 4B	32 2B	34 9B	108	66 9	53 1	41 6	30 1	27 2	37 8	33 9	27 8	25
26	31 1B	32 2B	34 9B	103	65 8	52 8	41 9	29 7	27 3	37 5	34 1	27 1	26
27	31 0B	32 3B	34 7B	100	65 5	51 8	42 3	29 3	27 6	36 6A	34 0	26 4	27
28	31 6B	32 2B	34 5B	94 6	65 2	51 5	41 9	29 1	27 9	35 0A	34 1	26 0	28
29	31 9B	32 6B	34 3B	92 6	63 7	50 3	41 4	28 8	27 5	34 3	34 1	25 6	29
30	32 0B		34 1B	90 5	62 9	50 8	40 6	28 3	27 1	33 9	34 0A	25 3	30
31	31 6B		34 1B		61 7		39 6	28 1		34 0		25 3	31
TOTAL	990 3	909 7	1 050 1	2 048 1	2 127 4	1 787 1	1 328 0	1 057 2	803 1	955 4	977 9	917 8	TOTAL
MEAN	31 9	31 4	33 9	68 3	68 6	59 6	42 8	34 1	26 8	30 8	32 6	29 6	MEAN
MAX	33 1	32 6	34 9	116	87 8	88 2	49 8	39 9	28 0	37 8	34 1	33 6	MAX
MIN	31 0	30 1	32 8	34 0	61 5	50 3	39 6	28 1	25 1	26 3	31 3	25 3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40 9
MAXIMUM DAILY, 116 ON APR 22
MINIMUM DAILY, 25 1 ON SEP 8
MAXIMUM INSTANTANEOUS,
116 AT 13 14 CST ON APR 23

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 35 20 N
LONG 104 12 10 W
DRAINAGE AREA, 7 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 600	JUL	115 000
FEB	78 600	AUG	91 300
MAR	90 700	SEP	69 400
APR	177 000	OCT	82 500
MAY	184 000	NOV	84 500
JUN	154 000	DEC	79 300

TOTAL DISCHARGE, 1 290 000 dam

GIBSON CREEK NEAR RADVILLE - STATION NO 05NA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00 00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 02 N
LONG 104 20 11 W
DRAINAGE AREA, 528 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam

GIRARD CREEK NEAR CORONACH - STATION NO 11AE015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.100A	0.117	0.227	0.128	0.126	0.122	0.139	0.138	0.141	0.131B	---	1
2	---	0.100E	0.087	0.201	0.128	0.124	0.120	0.153	0.135	0.141	0.131	---	2
3	---	0.100E	0.112	0.185	0.128	0.133	0.119	0.173	0.133	0.137	0.131	---	3
4	---	0.100E	0.108	0.167	0.128	0.133	0.118	0.168	0.127	0.152	0.131	---	4
5	---	0.100E	0.112	0.152	0.128	0.130	0.117	0.165	0.097	0.141	0.131	---	5
6	---	0.100E	0.128	0.144	0.128	0.145	0.117	0.105	0.107	0.133	0.131A	---	6
7	---	0.100E	0.120B	0.143	0.128	0.145	0.116	0.074	0.135	0.129	---	---	7
8	---	0.109A	0.114	0.138	0.128	0.136	0.116	0.142	0.146	0.135	---	---	8
9	---	0.101	0.127	0.135	0.128	0.131	0.115	0.138	0.149	0.143	---	---	9
10	---	0.086	0.119	0.135	0.128	0.125	0.115	0.139	0.147	0.136	---	---	10
11	---	0.095	0.121	0.128	0.128	0.132	0.118	0.154	0.138	0.155	---	---	11
12	---	0.095	0.119	0.131	0.128	0.140	0.118	0.113	0.142	0.143	---	---	12
13	---	0.118	0.116	0.128	0.128	0.137	0.116	0.077	0.145	0.136	---	---	13
14	---	0.195	0.122	0.127	0.128	0.130	0.113	0.072	0.142	0.133	---	---	14
15	---	0.342	0.117	0.129	0.128	0.221	0.116	0.106	0.138	0.138	---	---	15
16	---	0.219	0.122	0.128	0.128	0.220	0.114	0.105	0.137	0.139	---	---	16
17	---	0.154	0.119	0.132	0.135	0.140	0.113	0.095	0.132	0.134	---	---	17
18	---	0.164	0.131	0.132	0.127	0.123	0.118	0.083	0.134	0.134	---	---	18
19	---	0.144	0.170	0.127	0.127	0.124	0.121	0.089	0.128	0.135	---	---	19
20	---	0.130	1.88	0.128	0.128	0.194	0.121	0.071	0.161	0.133	---	---	20
21	---	0.184	1.55	0.128	0.128	2.18	0.123	0.093	0.143	0.131	---	---	21
22	---	0.506	0.772	0.128	0.124	0.422	0.124	0.121	0.148	0.137	---	---	22
23	---	0.414	0.600	0.128	0.118	0.197	0.120	0.121	0.145	0.133	---	---	23
24	---	0.284	0.521	0.128	0.119	0.164	0.123	0.127	0.146	0.133	---	---	24
25	---	0.210	0.501	0.128	0.127	0.143	0.121	0.121	0.149	0.135	---	---	25
26	---	0.187	0.555	0.128	0.130	0.139	0.127	0.118	0.148	0.138	---	---	26
27	---	0.133	0.463	0.128	0.122	0.132	0.138	0.118	0.148	0.138	---	---	27
28	---	0.130	0.366	0.128	0.122	0.130	0.152	0.130	0.139	0.137	---	---	28
29	---	0.137	0.309	0.128	0.117	0.127	0.148	0.128	0.145	0.132	---	---	29
30	---		0.283	0.128	0.121	0.124	0.154	0.134	0.144	0.132	---	---	30
31	---		0.254		0.123		0.151	0.133		0.131B		---	31
TOTAL	---	4.809	10.135	4.197	3.914	5.837	3.824	3.880	4.165	4.265	---	---	TOTAL
MEAN	---	0.165	0.327	0.140	0.126	0.221	0.123	0.119	0.139	0.137	---	---	MEAN
MAX	---	0.506	1.88	0.227	0.135	2.18	0.154	0.173	0.161	0.155	---	---	MAX
MIN	---	0.086	0.087	0.127	0.117	0.123	0.113	0.069	0.097	0.129	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.167
MAXIMUM DAILY, 2.18 ON JUN 21
MINIMUM DAILY, 0.069 ON AUG 19
MAXIMUM INSTANTANEOUS,
5.80 AT 03:34 CST ON JUN 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 45 N
LONG 105 33 52 W
DRAINAGE AREA, 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	330
FEB	415	AUG	318
MAR	876	SEP	360
APR	363	OCT	367
MAY	338	NOV	---
JUN	573	DEC	---

TOTAL DISCHARGE, 3 530 dam³

GOOD SPIRIT LAKE NEAR CANORA - STATION NO 05MB010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	484.769	484.827	---	---	---	2
3	---	---	---	---	---	---	---	---	---	484.850	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	484.816	---	---	---	5
6	---	---	---	---	---	---	484.889	---	---	---	---	---	6
7	---	---	---	---	---	---	---	484.782	484.813	---	---	---	7
8	---	---	---	---	---	---	484.877	---	---	---	---	---	8
9	---	---	---	---	484.821	---	---	---	---	---	---	---	9
10	---	---	---	---	---	484.877	484.860	484.747	---	---	---	---	10
11	---	---	---	---	---	---	---	---	484.810	484.850	---	---	11
12	---	---	---	---	484.857	---	---	---	---	---	---	---	12
13	---	---	---	---	---	484.871	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	484.744	---	484.843	---	---	14
15	---	---	---	---	---	484.863	---	---	---	---	---	---	15
16	---	---	---	---	484.867	---	484.835	484.725	---	---	---	---	16
17	---	---	---	---	---	---	484.818	484.725	---	484.840	---	---	17
18	---	---	---	---	---	---	---	---	484.820	---	---	---	18
19	---	---	---	---	---	484.861	484.809	484.704	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	484.698	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	484.676	---	---	23
24	---	---	---	---	---	484.909	484.788	---	---	---	---	---	24
25	---	---	---	---	484.897	---	---	484.693	484.682	---	---	---	25
26	---	---	---	---	---	---	484.778	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	484.883	484.909	484.767	484.686	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	484.871	484.873	---	29
30	---	---	---	---	---	---	---	---	484.859	---	---	---	30
31	---	---	---	---	484.899	---	484.778	484.833	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 30 08 N
LONG 102 39 22 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GOOSEHUNTING CREEK NEAR BEATTY - STATION NO 05KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.20 B	0.006	0.821	0.015	0	0	0	---	---	1
2	---	---	0 B	2.26	0.009	0.594	0.009	0	0	0	---	---	2
3	---	---	0 B	3.71	0.013	0.480	0.005	0	0	0	---	---	3
4	---	---	0 B	4.07	0.011	0.385	0.001	0	0	0	---	---	4
5	---	---	0 B	4.53	0.006	0.308	0	0	0	0	---	---	5
6	---	---	0 B	5.44	0.001	0.248	0	0	0	0	---	---	6
7	---	---	0 B	5.47	0	0.453	0	0	0	0	---	---	7
8	---	---	0 B	5.11	0	0.892	0	0	0	0	---	---	8
9	---	---	0 B	4.02	0	1.61	0	0	0	0	---	---	9
10	---	---	0 B	3.45	0	2.28	0	0	0	0	---	---	10
11	---	---	0 B	3.02	0	2.97	0	0	0	0	---	---	11
12	---	---	0 B	2.51	0	2.90	0	0	0	0	---	---	12
13	---	---	0 B	2.04	0	2.54	0	0	0	0	---	---	13
14	---	---	0 B	1.80	0	2.15	0	0	0	0	---	---	14
15	---	---	0 B	1.49	0	1.74	0	0	0	0	---	---	15
16	---	---	0 B	1.12	0	1.41	0	0	0	0	---	---	16
17	---	---	0 B	0.773	0.014	1.07	0	0	0	0	---	---	17
18	---	---	0 B	0.539	0.657	0.799	0	0	0	0	---	---	18
19	---	---	0 B	0.411	1.68	0.619A	0	0	0	0	---	---	19
20	---	---	0 B	0.319	2.41	0.564E	0	0	0	0	---	---	20
21	---	---	0 B	0.242	2.83	0.509E	0	0	0	0	---	---	21
22	---	---	0 B	0.186	2.15	0.454E	0	0	0	0	---	---	22
23	---	---	0 B	0.105	1.91	0.398E	0	0	0	0	---	---	23
24	---	---	0 B	0.063	1.85	0.343E	0	0	0	0	---	---	24
25	---	---	0 B	0.033	1.85	0.288A	0	0	0	0	---	---	25
26	---	---	0 B	0.016	1.91	0.198	0	0	0	0	---	---	26
27	---	---	0 B	0.009	1.70	0.138A	0	0	0	0	---	---	27
28	---	---	0 B	0.008	1.42	0.085A	0	0	0	0	---	---	28
29	---	---	0 B	0.036	1.25	0.051	0	0	0	0	---	---	29
30	---		2.53 B	0.007	1.22	0.028	0	0	0	0	---	---	30
31	---		2.74 B		1.09		0	0		0		---	31
TOTAL	---	---	5.27	55.939	23.597	27.443	0.030	0	0	0	---	---	TOTAL
MEAN	---	---	0.170	1.86	0.761	0.915	0.001	0	0	0	---	---	MEAN
MAX	---	---	2.74	5.44	2.83	2.97	0.015	0	0	0	---	---	MAX
MIN	---	---	0	0.007	0	0.028	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.458
MAXIMUM DAILY, 5.44 ON APR 6
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5.79 AT 07 45 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 54 28 N
LONG 104 50 18 W
DRAINAGE AREA, 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 59
FEB	---	AUG	0
MAR	455	SEP	0
APR	4 830	OCT	0
MAY	2 040	NOV	---
JUN	2 370	DEC	---

TOTAL DISCHARGE, 9 700 dam³

GREASE RIVER BELOW FONTAINE LAKE - STATION NO 07LE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.2	20.8B	19.1	17.8	23.4	32.8	33.4A	47.2A	51.7	46.3	39.4	38.7	1
2	21.3	20.8B	19.0	17.6	23.6	33.3	33.6A	47.2A	51.6	45.9	38.7	38.4	2
3	21.4	20.8B	19.1	17.8	23.9	33.5	33.4A	47.1A	51.5	45.4	38.7	38.2	3
4	21.3	20.7B	19.0	17.6	24.1	34.0	33.9A	46.7A	51.5	44.6	38.8	38.9	4
5	21.3	20.7B	18.7	17.8	24.1	34.0	34.0A	46.6A	51.5	44.6	38.6	38.3	5
6	21.2	20.7B	18.7	17.8	24.3	34.2	33.9A	46.0A	51.9	44.3	38.5	38.1	6
7	21.2	20.7	18.6	17.8	24.5	34.2	33.7A	45.2A	53.4	43.9	38.5	38.3	7
8	21.2	20.4	18.5	18.0	24.7	34.0	35.7A	45.0A	52.2	43.8	38.9	38.3	8
9	21.4	20.4	18.5	18.0	25.1	33.8	36.2A	44.1A	51.6	43.5	38.8	38.0	9
10	21.5	20.3	19.1	18.2	25.3	34.0	38.7A	43.7A	52.3	43.2	38.7	38.9	10
11	21.5	20.5	18.4	18.0	25.6	34.0	38.7A	43.9A	52.3	43.0	38.8	38.3	11
12	21.5	20.3	18.5	17.8	25.9	33.9	37.2A	43.9A	52.4	43.0	38.6	33.9	12
13	21.5	20.1	18.4	17.7	26.3	33.8	37.3A	44.2A	52.4	43.2	38.3	33.7	13
14	21.4	20.1	18.5	17.7	26.5	33.8E	37.4A	47.6A	52.1	42.9	38.2	33.7	14
15	21.4	20.0	18.4	17.7	27.2	33.9A	37.4A	47.9A	51.9	42.8	38.7	33.8	15
16	21.3	19.8	18.2	17.9	26.7	33.8E	38.8A	48.2	51.6	43.1	38.7	33.3	16
17	21.2B	19.6	18.0	29.4	33.6A	40.6A	48.2	51.4	43.4	38.6	32.8	17
18	21.2B	19.4	17.8	18.0	29.5	33.6A	40.8A	48.0	51.4	43.2	38.3	32.8	18
19	21.2B	19.4	17.8	18.2	29.7	33.3A	40.5A	48.6	51.1	42.4	38.2	32.7	19
20	21.2B	19.4	17.7	18.4	29.9	33.2A	40.4A	51.2	51.0	42.4	38.3	32.6	20
21	21.1B	19.5	17.4	18.1	30.4	33.3A	41.4A	51.4	50.8	42.4	38.4	32.3	21
22	21.1B	19.6	17.4	20.1	30.6	33.4A	42.9A	51.3	50.3	43.0	38.6	31.9	22
23	21.1B	19.4	17.5	21.2	30.8	33.4A	43.3A	51.2	49.9	42.7	38.4	31.7	23
24	21.0B	19.3	17.6	21.7	30.9	33.3A	44.1A	51.4	49.4	42.1	38.3	31.6	24
25	21.0B	19.2	17.6	21.8	31.2	33.4A	45.4A	51.3	48.8	41.6	38.0	31.3	25
26	21.0B	19.4	17.7	22.0	31.3	33.7A	46.4A	51.0	48.4	42.3	37.8	31.1	26
27	21.0B	19.2	17.7	22.3	31.6	33.8A	47.3A	50.8	47.9	42.0	37.3	30.8	27
28	20.9B	19.0	17.8	22.7	31.7	33.4A	47.6A	50.9	47.2	41.3	37.1	30.6	28
29	20.8B	19.1	17.8	22.8	31.9	33.3A	47.5A	52.4	46.7	41.1	36.9	30.3	29
30	20.9B		17.8	23.1	32.3	33.3A	47.8A	53.3	46.3	40.6	36.9	30.0	30
31	20.8B		17.7		32.4		47.4E	52.6		39.9		29.8	31
TOTAL	657.2	578.7	564.0	574.3	856.9	1 008.6	1 232.3	1 498.8	1 523.7	1 333.8	1 149.4	1 031.0	TOTAL
MEAN	21.2	20.0	18.2	19.1	28.0	33.6	38.8	48.3	50.8	43.0	38.3	33.3	MEAN
MAX	21.5	20.8	19.1	23.1	32.4	34.2	47.8	53.3	53.4	46.3	39.4	38.7	MAX
MIN	20.8	19.0	17.4	17.8	23.4	32.8	33.4	43.7	46.3	39.9	38.9	29.8	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.8
MAXIMUM DAILY, 53.4 ON SEP 7
MINIMUM DAILY, 17.4 ON MAR 31
MAXIMUM INSTANTANEOUS,
53.6 AT 15 03 CST ON AUG 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 32 50 N
LONG 105 34 40 W
DRAINAGE AREA, 4 840 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 800	JUL	105 000
FEB	50 000	AUG	129 000
MAR	48 700	SEP	132 000
APR	49 800	OCT	115 000
MAY	74 900	NOV	89 300
JUN	87 100	DEC	89 100

TOTAL DISCHARGE, 1 040 000 dam³

GREENLEIGH RESERVOIR NEAR BICKLEIGH - STATION NO 05NF015

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	644.128	644.177	644.121	643.992	643.877	643.683	643.416	643.388	643.347	---	1
2	---	---	644.127	644.180	644.118	643.985	643.878	643.657	643.411	643.385	643.367	---	2
3	---	---	644.125	644.182	644.116	643.979	643.889	643.653	643.404	643.382	643.367	---	3
4	---	---	644.125	644.184	644.113	643.974	643.863	643.653	643.401	643.381	643.366	---	4
5	---	---	644.125	644.185	644.108	643.969	643.856	643.648	643.394	643.378	643.365	---	5
6	---	---	644.125	644.187	644.105	643.985	643.846	643.639	643.388	643.376	643.364A	---	6
7	---	---	644.125	644.190	644.100	643.985	643.840	643.628	643.382	643.373	---	---	7
8	---	---	644.121	644.189	644.097	643.988	643.832	643.622	643.382	643.372	---	---	8
9	---	---	644.120	644.194	644.097	643.988	643.825	643.619	643.382	643.367	---	---	9
10	---	---	644.120	644.198	644.092	643.988	643.820	643.610	643.380	643.363	---	---	10
11	---	---	644.120	644.197	644.088	643.989	643.813	643.602	643.378	643.363	---	---	11
12	---	---	644.120	644.197	644.085	643.988	643.801	643.594	643.388	643.360	---	---	12
13	---	---	644.119	644.196	644.082	643.987	643.799	643.587	643.382	643.355	---	---	13
14	---	---	644.119	644.194	644.078	643.986	643.794	643.574	643.382	643.352	---	---	14
15	---	---	644.117	644.192	644.077	643.983	643.792	643.566	643.388	643.348	---	---	15
16	---	---	644.117	644.189	644.091	643.975	643.778	643.558	643.384	643.350	---	---	16
17	---	---	644.116	644.186	644.086	643.972	643.784	643.549	643.380	643.357	---	---	17
18	---	---	644.114	644.183	644.077	643.963	643.750	643.542	643.375	643.363	---	---	18
19	---	---	644.114	644.177	644.074	643.953	643.738	643.534	643.388	643.364	---	---	19
20	---	---	644.114	644.169	644.069	643.945	643.729	643.524	643.387	643.364	---	---	20
21	---	---	644.115	644.163	644.058	643.945	643.727	643.515	643.382	643.364	---	---	21
22	---	---	644.121	644.156	644.050	643.944	643.722	643.507	643.389	643.363	---	---	22
23	---	---	644.138	644.152	644.047	643.944	643.711	643.498	643.403	643.362	---	---	23
24	---	---	644.148	644.147	644.039	643.943	643.702	643.489	643.403	643.361	---	---	24
25	---	---	644.156	644.145	644.035	643.942	643.694	643.484	643.402	643.360	---	---	25
26	---	---	644.167	644.141	644.031	643.941	643.685	643.474	643.400	643.360	---	---	26
27	---	---	644.184	644.135	644.026	643.938	643.675	643.464	643.398	643.358	---	---	27
28	---	644.128A	644.188	644.132	644.023	643.920	643.666	643.451	643.395	643.354	---	---	28
29	---	644.128	644.172	644.127	644.020	643.897	643.657	643.438	643.393	643.352	---	---	29
30	---		644.172	644.125	644.015	643.895	643.664	643.427	643.391	643.349	---	---	30
31	---		644.173		644.005		643.668	643.422		643.348		---	31
MEAN	---	---	644.133	644.172	644.072	643.963	643.769	643.555	643.391	643.364	---	---	MEAN
MAX	---	---	644.173	644.198	644.121	643.992	643.877	643.683	643.416	643.388	---	---	MAX
MIN	---	---	644.114	644.125	644.005	643.895	643.657	643.422	643.387	643.348	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 644.198 ON APR 10

MAXIMUM INSTANTANEOUS,
644.199 AT 13:31 CST ON APR 11

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W

A - MANUAL GAUGE

REGULATED SINCE 1968

DRAINAGE AREA,
25.1 km²

GREENWATER LAKE NEAR CHELAN - STATION NO 05LB011

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	533.085	---	533.062	---	---	---	---	2
3	---	---	---	---	---	---	533.134	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	533.185	533.127	533.053	---	---	---	---	6
7	---	---	---	---	---	533.185	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	533.115	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	533.185	---	533.022	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	532.934	---	---	533.003	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	533.093	---	---	---	---	---	17
18	---	---	---	---	---	---	---	532.982	---	---	---	---	18
19	---	---	---	---	532.991	---	---	---	---	---	---	---	19
20	---	---	---	---	---	533.214	533.083	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	532.979	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	532.961	---	---	---	---	23
24	---	---	---	---	---	533.214	---	---	---	---	---	---	24
25	---	---	---	---	---	---	533.083	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	532.992	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	533.077	532.933	---	---	---	---	30
31	---		---	---	533.085	---	---	---	---	---	---	---	31
					533.085		---	532.916		---		---	
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 44 N
LONG 103 31 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GREIG LAKE NEAR DORINTOSH - STATION NO. 05AF010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	475.929	---	---	---	---	1
2	---	---	---	---	---	---	---	475.927	---	---	---	---	2
3	---	---	---	---	---	475.963	---	475.927	---	---	---	---	3
4	---	---	---	---	---	---	---	475.925	---	---	---	---	4
5	---	---	---	---	---	475.963	---	475.923	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	475.923	---	---	---	---	9
10	---	---	---	---	---	---	---	475.923	---	---	---	---	10
11	---	---	---	---	---	---	475.947	475.927	---	---	---	---	11
12	---	---	---	---	---	---	475.947	475.925	---	---	---	---	12
13	---	---	---	---	---	475.983	475.941	---	---	---	---	---	13
14	---	---	---	---	---	475.983	---	---	---	---	475.805	---	14
15	---	---	---	---	---	475.981	475.953	475.903	---	---	---	---	15
16	---	---	---	---	---	475.981	---	---	---	---	---	---	16
17	---	---	---	---	---	---	475.949	475.893	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	475.983	475.945	---	---	---	---	---	19
20	---	---	---	---	---	---	475.948	---	---	---	---	---	20
21	---	---	---	---	---	475.981	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	475.887	---	---	---	---	22
23	---	---	---	---	475.953	---	475.949	475.881	---	---	---	---	23
24	---	---	---	---	475.957	475.975	475.941	---	---	---	---	---	24
25	---	---	---	---	475.953	---	475.943	475.877	---	---	---	---	25
26	---	---	---	---	475.953	---	475.941	---	---	---	---	---	26
27	---	---	---	---	---	475.975	475.943	475.869	---	---	---	---	27
28	---	---	---	---	475.955	475.975	475.939	---	---	---	---	---	28
29	---	---	---	---	---	---	475.939	---	---	---	---	---	29
30	---		---	---	---	---	475.935	---	---	---	---	---	30
31	---		---		---		475.933	475.837		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 475.983 ON JUN 13

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 10 N
LONG 108 41 38 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

HAPPYLAND CREEK NEAR FOX VALLEY - STATION NO. 05HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0	0	0	0	0	0	---	---	1
2	---	---	0B	0B	0	0	0	0	0	0	---	---	2
3	---	---	0B	0B	0	0	0	0	0	0	---	---	3
4	---	---	0B	0	0	0	0	0	0	0	---	---	4
5	---	---	0B	0	0	0	0	0	0	0	---	---	5
6	---	---	0B	0	0	0	0	0	0	0	---	---	6
7	---	---	0B	0	0	0	0	0	0	0	---	---	7
8	---	---	0B	0	0	0	0	0	0	0	---	---	8
9	---	---	0B	0	0	0	0	0	0	0	---	---	9
10	---	---	0B	0	0	0	0	0	0	0	---	---	10
11	---	---	0B	0	0	0	0	0	0	0	---	---	11
12	---	---	0B	0	0	0	0	0	0	0	---	---	12
13	---	---	0B	0	0	0	0	0	0	0	---	---	13
14	---	---	0B	0	0	0	0	0	0	0	---	---	14
15	---	---	0B	0	0	0	0	0	0	0	---	---	15
16	---	---	0B	0	0	0	0	0	0	0B	---	---	16
17	---	---	0B	0	0	0	0	0	0	0B	---	---	17
18	---	---	0B	0	0	0	0	0	0	0B	---	---	18
19	---	---	0B	0	0	0	0	0	0	0B	---	---	19
20	---	---	0B	0	0	0	0	0	0	0B	---	---	20
21	---	---	0B	0	0	0	0	0	0	0B	---	---	21
22	---	---	0B	0	0	0	0	0	0	0B	---	---	22
23	---	---	0B	0	0	0	0	0	0	0B	---	---	23
24	---	---	0B	0	0	0	0	0	0	0B	---	---	24
25	---	---	0B	0	0	0	0	0	0	0B	---	---	25
26	---	---	0B	0	0	0	0	0	0	0B	---	---	26
27	---	---	0B	0	0	0	0	0	0	0B	---	---	27
28	---	---	0B	0	0	0	0	0	0	0B	---	---	28
29	---	---	0B	0	0	0	0	0	0	0B	---	---	29
30	---		0B	0	0	0	0	0	0	0B	---	---	30
31	---		0B		0		0	0		0B		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0B ON MAR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 43 57 N
LONG 109 32 27 W
DRAINAGE AREA, 64.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

HARRIS RESERVOIR NEAR MAPLE CREEK - STATION NO 05HA074

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	855.922	856.034	856.180	854.781	854.677	854.453	854.054	853.905	---	---	1
2	---	---	855.920	856.037	856.187	854.780	854.668	854.353	854.008	853.905	---	---	2
3	---	---	855.918	856.042	856.181	854.775	854.663	854.451	853.982	853.904	---	---	3
4	---	---	855.915	856.047	856.149	854.769	854.653	854.447	853.924	853.904	---	---	4
5	---	---	855.917	856.080	856.151	854.764	854.647	854.443	853.921	853.900	---	---	5
6	---	---	855.920	856.075	856.147	854.757	854.636	854.436	853.908	853.898	---	---	6
7	---	---	855.918	856.089	856.149	854.763	854.631	854.425	853.908	853.895	---	---	7
8	---	---	855.918	856.108	856.137	854.772	854.620	854.412	853.921	853.892	---	---	8
9	---	---	855.918	856.123	856.073	854.770	854.607	854.409	853.921	853.885	---	---	9
10	---	---	855.916	856.151	855.987	854.769	854.604	854.399	853.925	853.872	---	---	10
11	---	---	855.915	856.167	855.910	854.767	854.588	854.394	853.924	853.871	---	---	11
12	---	---	855.916	856.178	855.822	854.768	854.584	854.383	853.920	853.872	---	---	12
13	---	855.933A	855.918	856.187	855.731	854.765	854.586	854.387	853.920	853.858	---	---	13
14	---	855.931	855.922	856.192	855.637	854.761	854.580	854.378	853.918	853.858	---	---	14
15	---	855.930	855.924	856.188	855.581	854.761	854.576	854.388	853.911	853.852	---	---	15
16	---	855.928	855.926	856.183	855.485	854.757	854.588	854.363	853.914	853.845	---	---	16
17	---	855.928	855.924	856.179	855.364	854.750	854.560	854.353	853.910	853.850	---	---	17
18	---	855.932	855.922	856.176	855.269	854.746	854.553	854.346	853.907	853.850	---	---	18
19	---	855.930	855.922	856.175	855.178	854.739	854.543	854.341	853.902	853.858	---	---	19
20	---	855.926	855.921	856.174	855.081	854.736	854.533	854.332	853.898	853.862	---	---	20
21	---	855.927	855.926	856.171	855.015	854.737	854.522	854.328	853.907	853.863	---	---	21
22	---	855.924	855.922	856.165	854.961	854.736	854.513	854.319	853.915	853.862	---	---	22
23	---	855.923	855.924	856.159	854.904	854.741	854.505	854.314	853.914	853.863	---	---	23
24	---	855.923	855.941	856.153	854.849	854.744	854.484	854.309	853.913	853.863	---	---	24
25	---	855.922	855.966	856.154	854.817	854.741	854.480	854.301	853.911	853.865	---	---	25
26	---	855.920	855.984	856.157	854.808	854.736	854.473	854.290	853.908	853.858	---	---	26
27	---	855.921	855.989	856.153	854.809	854.727	854.463	854.274	853.907	853.858	---	---	27
28	---	855.927	856.012	856.165	854.814	854.723	854.458	854.235	853.907	853.859	---	---	28
29	---	855.923	856.017	856.157	854.812	854.709	854.450	854.183	853.908	853.858A	---	---	29
30	---		856.024	856.159	854.808	854.689	854.454	854.136	853.901	853.858E	---	---	30
31	---		856.031		854.796		854.463	854.087		853.859E			31
MEAN	---	---	855.940	856.136	855.473	854.751	854.580	854.347	853.922	853.871	---	---	MEAN
MAX	---	---	856.031	856.192	856.180	854.781	854.677	854.453	854.054	853.905	---	---	MAX
MIN	---	---	855.915	856.034	854.796	854.689	854.450	854.087	853.898	853.845	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 856.192 ON APR 14

MAXIMUM INSTANTANEOUS,
856.196 AT 17 42 CST ON APR 14

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 03 N
LONG 109 30 25 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
14.2 km²

HAULTAIN RIVER ABOVE NORBERT RIVER - STATION NO 06BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.570	5.208	4.570	6.948	21.6	25.5	17.1	10.8	9.80	8.80	14.98	11.1 B	1
2	5.428	5.478	5.188	7.058	21.3	25.8	16.7	10.7	9.76	9.21	14.88	11.1 B	2
3	5.158	5.508	5.628	7.278	20.8	25.7	16.2	10.6	9.62	9.49	14.88	11.2 B	3
4	5.398	5.588	6.318	7.368	20.2	25.5	15.8	10.5	9.78	9.53	14.98	11.1 B	4
5	5.358	5.418	6.298	7.718	19.6	25.3	15.5	10.4	9.59	9.59	14.58	11.0 B	5
6	5.218	4.998	5.828	7.558	19.0	25.1	15.0	10.6	9.53	9.82	14.48	10.9 B	6
7	5.768	5.208	5.878	7.898	18.7	24.8	14.6	11.4	9.94	9.52	14.18	10.9 B	7
8	6.098	5.448	5.178	8.258	18.4	24.0	14.8	12.2	9.70	9.48	13.98	10.8 B	8
9	5.468	5.288	5.178	8.818	18.2	23.2	15.1	12.6	9.57	9.44	13.88	10.9 B	9
10	5.578	5.768	5.478	9.008	18.4	22.6	15.0	12.6	9.46	9.44	13.48	11.2 B	10
11	5.648	6.018	5.068	8.958	18.4	22.0	14.8	12.3	9.76	9.38	13.48	10.7 B	11
12	5.358	5.208	5.148	8.878	18.3	21.2	14.2	11.9	9.83	9.43	13.28	10.8 B	12
13	6.008	5.208	4.738	9.058	18.0	20.5	13.5	11.5	9.87	9.55	12.88	11.3 B	13
14	5.858	5.318	4.908	9.478	17.5	19.9	13.5	11.5	9.50	10.1	12.48	11.3 B	14
15	5.708	5.748	4.538	8.988	17.1	19.5	13.5	11.4	9.37	10.5	12.58	10.9 B	15
16	5.608	5.208	4.568	12.6 B	17.8	19.1	13.8	11.3	9.20	10.9	12.48	11.1 B	16
17	5.508	5.528	4.698	27.7	20.7	18.8	13.8	11.2	9.11	12.0	12.18	10.9 B	17
18	5.458	5.828	4.738	26.1	26.5	19.0	13.9	11.0	9.03	14.5	12.08	11.0 B	18
19	5.408	7.038	5.158	25.5	29.4	19.5	13.5	10.8	8.95	16.2	12.08	10.8 B	19
20	5.368	7.018	5.448	25.4	31.1	20.1	13.2	10.8	8.85	17.1	11.98	10.7 B	20
21	5.388	6.998	5.638	25.4	32.4	20.6	13.2	10.9	8.98	17.4	12.08	10.8 B	21
22	5.388	6.948	5.848	25.4	33.0	20.5	13.2	10.8	8.89	17.8	12.08	10.8 B	22
23	5.388	6.938	5.948	25.3	32.9	20.7	13.3	10.6	9.06	17.8	12.08	10.8 B	23
24	5.428	6.958	6.138	25.2	32.4	19.8	13.2	10.4	9.07	18.5 B	11.98	10.5 B	24
25	5.488	6.488	6.118	26.0	31.8	19.5	12.9	10.3	9.10	18.1 B	11.88	10.3 B	25
26	5.958	5.998	6.288	24.5	30.9	19.4	12.8	10.1	9.07	17.2 B	11.78	9.388	26
27	5.758	5.468	6.568	24.0	29.8	19.0	12.3	9.92	9.08	16.1 B	11.88	9.508	27
28	6.258	5.228	6.918	23.4	28.7	18.7	12.0	9.66	9.04	14.8 B	11.38	9.408	28
29	6.408	4.758	7.048	22.8	28.0	18.4	11.8	9.73	8.98	14.7 B	11.28	9.398	29
30	6.218		7.328	22.3	27.2	17.5	11.6	10.0	8.86	14.6 B	11.18	9.718	30
31	6.158		6.948		26.4		11.2	9.94		15.1 B		9.928	31
TOTAL	184.69	161.58	175.12	484.87	744.5	641.1	430.8	338.45	280.80	390.88	384.5	330.18	TOTAL
MEAN	5.96	5.26	5.65	16.2	24.0	21.4	13.9	10.9	9.35	12.8	12.8	10.7	MEAN
MAX	6.64	7.03	7.32	27.7	33.0	25.5	17.1	12.6	9.94	17.8	14.9	11.3	MAX
MIN	5.36	4.75	4.53	6.94	17.1	17.5	11.2	9.56	8.86	8.80	11.1	9.36	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.5
MAXIMUM DAILY, 33.0 ON MAY 22
MINIMUM DAILY, 4.538 ON MAR 15
MAXIMUM INSTANTANEOUS,
33.3 AT 23 30 CST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 40 N
LONG 105 33 40 W
DRAINAGE AREA, 3 680 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 000	JUL	37 200
FEB	15 700	AUG	28 200
MAR	15 100	SEP	24 200
APR	41 900	OCT	33 600
MAY	64 300	NOV	33 200
JUN	55 400	DEC	28 500

TOTAL DISCHARGE, 385 000 dam³

HAY MEADOW CREEK NEAR LISIEUX - STATION NO 11AE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 042B	0 068B	0 122	0 040	0.024	0 024	0.018	0 017	0.023	0.010B	---	1
2	---	0 042B	0 062B	0 123	0 042	0 019	0 021	0.019	0 022	0 020	0 020B	---	2
3	---	0 042B	0 059B	0 134	0 040	0 020	0 018	0.021	0 022	0.022	0 025B	---	3
4	---	0 039B	0 059B	0 132	0 042	0 018	0 019	0.027	0 019	0 020	0 025B	---	4
5	---	0 043B	0 061B	0 133	0 045	0 022	0 021	0 022	0 016	0 020	0 025B	---	5
6	---	0 043B	0 080B	0 143	0 042	0 050	0 018	0 019	0 017	0 020	0 025B	---	6
7	---	0 043B	0 058B	0 156	0 044	0 046	0 019	0 018	0 021	0 020	---	---	7
8	---	0 042B	0 056B	0 137	0 048	0 047	0 021	0 018	0 026	0 017	---	---	8
9	---	0 045B	0 048B	0 128	0 048	0 084	0 017	0 021	0 028	0 017	---	---	9
10	---	0 049B	0 043B	0 120	0 048	0 087	0 016	0 022	0 029	0 018	---	---	10
11	---	0 046B	0 041B	0 109	0 047	0 078	0 015	0 020	0 028	0 019	---	---	11
12	---	0 049B	0 039B	0 102	0 047	0 080	0 014	0 021	0 027	0 020	---	---	12
13	---	0 080B	0 038B	0 096	0 048	0 070	0 014	0 019	0 026	0 020	---	---	13
14	---	0 090B	0 040B	0 090	0 044	0 083	0 014	0 015	0 029	0 021	---	---	14
15	---	0 160B	0 040B	0 082	0 042	0 054	0 015	0 014	0 028	0 021	---	---	15
16	---	0 153B	0 039B	0 078	0 040	0 048	0.013	0 012	0 026	0 020B	---	---	16
17	---	0 109B	0 038B	0 070	0 043	0 040	0 012	0 013	0 024	0 015B	---	---	17
18	---	0 079B	0 042B	0 060	0 034	0 035	0 010	0 014	0 023	0 021B	---	---	18
19	---	0 075B	0 088B	0 052	0 035	0 035	0 012	0 016	0 022	0 023B	---	---	19
20	---	0 074B	0 077B	0 048	0 038	0 110	0 011	0 014	0 027	0 024B	---	---	20
21	---	0 117B	1 55 B	0 044	0 032	0 407	0 012	0 018	0 032	0 024B	---	---	21
22	---	0 160B	0 750B	0 044	0 031	0 382	0 013	0 017	0 032	0 024B	---	---	22
23	---	0 230B	0 620B	0 043	0 033	0 262	0 015	0 014	0 031	0 024B	---	---	23
24	---	0 300B	0 530B	0 043	0 034	0 151	0 015	0 014	0 029	0 024B	---	---	24
25	---	0 188B	0 460B	0 043	0 031	0 079	0 015	0 014	0 028	0 025B	---	---	25
26	---	0 123B	0 390B	0 043	0 030	0 054	0 015	0 012	0 029	0 025B	---	---	26
27	---	0 104B	0 343B	0 044B	0 031	0 041	0 013	0 010	0 027	0 025B	---	---	27
28	---	0 081B	0 232B	0 043B	0 030	0 033	0 012	0 010	0 026	0 025B	---	---	28
29	---	0 074B	0 156B	0 038	0 025	0 028	0 016	0 011	0 024	0 025B	---	---	29
30	---	---	0 149B	0 040	0 026	0 029	0 017	0 011	0 023	0 025B	---	---	30
31	---	---	0 131	---	0 025	---	0 017	0 012	---	0 020B	---	---	31
TOTAL	---	2 680	7 264	2 541	1 181	2 434	0 485	0 504	0 759	0 667	---	---	TOTAL
MEAN	---	0 092	0 234	0 085	0 038	0 081	0 016	0 016	0 025	0 022	---	---	MEAN
MAX	---	0 300	1 55	0 156	0 048	0 407	0 024	0 027	0 032	0 025	---	---	MAX
MIN	---	0 039	0 038	0 038	0 025	0 018	0 010	0 010	0 016	0 015	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 085
MAXIMUM DAILY, 1 55B ON MAR 21
MINIMUM DAILY, 0 010 ON JUL 18
MAXIMUM INSTANTANEOUS,
1 87B AT 04 18 CST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 16 13 N
LONG 105 58 22 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	41 9
FEB	232	AUG	43 5
MAR	628	SEP	65 6
APR	220	OCT	57 6
MAY	102	NOV	---
JUN	210	DEC	---

TOTAL DISCHARGE, 1 370 dam³

HUFF LAKE - STATION NO 11AC083

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	814 971	815 531	815 244	812 827A	812 603E	812 658	812 484	812 367	---	---	1
2	---	---	814 989	815 541	815 145	812 787E	812 616E	812 653	812 488	812 361	---	---	2
3	---	---	815 007	815 553	815 053	812 739E	812 629E	812 648	812 480	812 357	---	---	3
4	---	---	815 026	815 572	814 942	812 694E	812 642E	812 645	812 477	812 352	---	---	4
5	---	---	815 044	815 588	814 829	812 647E	812 656E	812 644	812 473	812 347	---	---	5
6	---	---	815 061	815 626	814 719	812 601E	812 668E	812 639	812 467	812 340	---	---	6
7	---	---	815 075	815 666	814 621	812 553A	812 683A	812 635	812 462	812 334	---	---	7
8	---	---	815 088	815 674	814 535	812 491	812 689E	812 629	812 462	812 331	---	---	8
9	---	---	815 106	815 686	814 473	812 444	812 689E	812 624	812 462	812 323A	---	---	9
10	---	---	815 120	815 688	814 419	812 411	812 694E	812 620	812 455	812 314E	---	---	10
11	---	---	815 128	815 688	814 352	812 390	812 695E	812 614	812 449	812 308E	---	---	11
12	---	---	815 146	815 710	814 285	812 382	812 693E	812 608	812 446	812 300E	---	---	12
13	---	---	815 164	815 724	814 230	812 384A	812 694E	812 603	812 440	812 293E	---	---	13
14	---	---	815 177	815 744	814 169	812 351E	812 697E	812 598	812 433	812 285E	---	---	14
15	---	---	815 190	815 759	814 118	812 337E	812 698E	812 591	812 426	812 279E	---	---	15
16	---	---	815 205	815 780	814 089	812 326A	812 698E	812 585	812 422	812 265E	---	---	16
17	---	---	815 217	815 753	814 067	812 328	812 700A	812 576	812 417	812 195E	---	---	17
18	---	---	815 228	815 750	814 035	812 349	812 700E	812 570	812 412	812 104E	---	---	18
19	---	---	815 237	815 746	813 987	812 377	812 702A	812 565	812 403	811 994E	---	---	19
20	---	814 780A	815 248	815 734	813 903	812 398	812 696	812 557	812 397	811 781E	---	---	20
21	---	814 780	815 261	815 742	813 795	812 415	812 692	812 550	812 398	811 458E	---	---	21
22	---	814 807	815 283	815 739	813 682	812 436	812 690	812 545	812 408	811 403E	---	---	22
23	---	814 822	815 304	815 733	813 486	812 458	812 688	812 540	812 406	811 401E	---	---	23
24	---	814 844	815 333	815 694	813 371	812 482	812 684	812 535	812 401	811 401E	---	---	24
25	---	814 864	815 370	815 623	813 288	812 498	812 681	812 529	812 386	811 401E	---	---	25
26	---	814 888	815 408	815 562	813 197	812 521	812 680	812 523	812 380	811 400E	---	---	26
27	---	814 907	815 440	815 522	813 122	812 540A	812 678	812 518	812 369	811 400E	---	---	27
28	---	814 928	815 473	815 486	813 047	812 560E	812 675	812 512	812 382	811 400E	---	---	28
29	---	814 948	815 497	815 408	812 981	812 574E	812 669	812 504	812 374	811 400E	---	---	29
30	---	---	815 521	815 335	812 885	812 587E	812 663	812 498	812 370	811 400A	---	---	30
31	---	---	815 529	---	812 837	---	812 658	812 488	---	811 400E	---	---	31
MEAN	---	---	815 221	815 644	814 028	812 486	812 677	812 581	812 423	811 958	---	---	MEAN
MAX	---	---	815 529	815 780	815 244	812 827	812 702	812 658	812 488	812 367	---	---	MAX
MIN	---	---	814 971	815 335	812 837	812 328	812 603	812 488	812 370	811 400	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 815 780 ON APR 16
MINIMUM DAILY, 811 400E ON OCT 26
MAXIMUM INSTANTANEOUS,
815 773 AT 11 50 CST ON APR 22

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 18 N
LONG 107 53 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000 064 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED BEFORE CALCULATING DAILY VALUES

HUFF LAKE GRAVITY CANAL - STATION NO 11AC065

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	1 28	0	0	0	0	0	---	---	1
2	---	---	0	0	1 34	0	0	0	0	0	---	---	2
3	---	---	0	0	1 33	0	0	0	0	0	---	---	3
4	---	---	0	0	1 31	0	0	0	0	0	---	---	4
5	---	---	0	0	1 27	0	0	0	0	0	---	---	5
6	---	---	0	0	1 22	0	0	0	0	0	---	---	6
7	---	---	0	0	0 949	0	0	0	0	0	---	---	7
8	---	---	0	0	0 624	0	0	0	0	0	---	---	8
9	---	---	0	0	0 573	0	0	0	0	0	---	---	9
10	---	---	0	0	0 588	0	0	0	0	0	---	---	10
11	---	---	0	0	0 720	0	0	0	0	0	---	---	11
12	---	---	0	0	0 728	0	0	0	0	0	---	---	12
13	---	---	0	0	0 725	0	0	0	0	0	---	---	13
14	---	---	0	0	0 736	0	0	0	0	0	---	---	14
15	---	---	0	0	0 764	0	0	0	0	0	---	---	15
16	---	---	0	0	0 654	0	0	0	0	0	---	---	16
17	---	---	0	0	0 612	0	0	0	0	0	---	---	17
18	---	---	0	0	0 520	0	0	0	0	0	---	---	18
19	---	---	0	0	0 233	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0 275	0	0	0	0	0	0	---	---	23
24	---	---	0	1 10	0	0	0	0	0	0	---	---	24
25	---	---	0	0 982	0	0	0	0	0	0	---	---	25
26	---	0	0	0 890	0	0	0	0	0	0	---	---	26
27	---	0	0	0 851	0	0	0	0	0	0	---	---	27
28	---	0	0	0 819	0	0	0	0	0	0	---	---	28
29	---	0	0	0 828	0	0	0	0	0	0	---	---	29
30	---		0	1 26	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	6 815	15 044	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0 227	0 518	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	1 26	1 34	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 093
MAXIMUM DAILY, 1 34 ON MAY 2
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 10 N
LONG 107 53 06 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	589	OCT	0
MAY	1 390	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 980 dam³

HUFF LAKE PUMPING CANAL - STATION NO 11AC066

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0 798	0	0	0	0	0	---	---	1
2	---	---	0	0	0 798	0	0	0	0	0	---	---	2
3	---	---	0	0	0 798	0	0	0	0	0	---	---	3
4	---	---	0	0	0 797	0	0	0	0	0	---	---	4
5	---	---	0	0	0 764	0	0	0	0	0	---	---	5
6	---	---	0	0	0 798	0	0	0	0	0	---	---	6
7	---	---	0	0	0 797	0	0	0	0	0	---	---	7
8	---	---	0	0	0 794	0	0	0	0	0	---	---	8
9	---	---	0	0	0 791	0	0	0	0	0	---	---	9
10	---	---	0	0	0 758	0	0	0	0	0 008E	---	---	10
11	---	---	0	0	0 786	0	0	0	0	0 040E	---	---	11
12	---	---	0	0	0 587	0	0	0	0	0 050E	---	---	12
13	---	---	0	0	0 420	0	0	0	0	0 E	---	---	13
14	---	---	0	0	0 418	0	0	0	0	0 025E	---	---	14
15	---	---	0	0	0 261	0	0	0	0	0 075E	---	---	15
16	---	---	0	0	0 260	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0 868	0	0	0	0	0	0	---	---	24
25	---	---	0	0 787	0	0	0	0	0	0	---	---	25
26	---	---	0	0 784	0	0	0	0	0	0	---	---	26
27	---	---	0	0 783	0	0	0	0	0	0	---	---	27
28	---	---	0	0 785	0	0	0	0	0	0	---	---	28
29	---	---	0	0 748	0	0	0	0	0	0	---	---	29
30	---		0	0 798	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	5 391	10 625	0	0	0	0	0 258	---	---	TOTAL
MEAN	---	---	0	0 180	0 343	0	0	0	0	0 067	---	---	MEAN
MAX	---	---	0	0 798	0 798	0	0	0	0	0 075	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 088
MAXIMUM DAILY, 0 798 ON APR 30
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 20 N
LONG 107 53 05 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	468	OCT	18 0
MAY	918	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 400 dam³

HUNTER CREEK NEAR RICHARDSON - STATION NO 05JF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 146	0.004	0	0	0	0	0	---	---	1
2	---	---	0 B	0 085	0 005	0	0	0	0	0	---	---	2
3	---	---	0 B	0 087	0 007	0	0	0	0	0	---	---	3
4	---	---	0 B	0 086	0 008	0	0	0	0	0	---	---	4
5	---	---	0 B	0 086	0 008	0	0	0	0	0	---	---	5
6	---	---	0 B	0 055	0 007	0	0	0	0	0	---	---	6
7	---	---	0 B	0 048	0 007	0	0	0	0	0	---	---	7
8	---	---	0 B	0 039	0 008	0	0	0	0	0	---	---	8
9	---	---	0 B	0 032	0 007	0	0	0	0	0	---	---	9
10	---	---	0 B	0 030	0 008	0	0	0	0	0	---	---	10
11	---	---	0 B	0 028	0 006	0	0	0	0	0	---	---	11
12	---	---	0 B	0 024	0 005	0	0	0	0	0	---	---	12
13	---	---	0 B	0 021	0 004	0	0	0	0	0	---	---	13
14	---	---	0 B	0 018	0 003	0	0	0	0	0	---	---	14
15	---	---	0 B	0 016	0 001	0	0	0	0	0	---	---	15
16	---	---	0 B	0 014	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 012	0 005	0	0	0	0	0	---	---	17
18	---	---	0 B	0 010	0 005	0	0	0	0	0	---	---	18
19	---	---	0 B	0 008	0 004	0	0	0	0	0	---	---	19
20	---	---	0 B	0 007	0 010	0	0	0	0	0	---	---	20
21	---	---	0 B	0 006	0 010	0	0	0	0	0	---	---	21
22	---	---	0 B	0 005	0 008	0	0	0	0	0	---	---	22
23	---	---	0 4588	0 004	0 006	0	0	0	0	0	---	---	23
24	---	---	2 71 B	0 003	0 005	0	0	0	0	0	---	---	24
25	---	---	4 62 B	0 001	0 004	0	0	0	0	0	---	---	25
26	---	---	3 17 B	0	0 003	0	0	0	0	0	---	---	26
27	---	---	1 26	0 001	0 002	0	0	0	0	0	---	---	27
28	---	---	0 707	0 002	0 001	0	0	0	0	0	---	---	28
29	---	---	0 398	0 002	0	0	0	0	0	0	---	---	29
30	---		0 211	0 003	0	0	0	0	0	0	---	---	30
31	---		0 160		0		0	0		0		---	31
TOTAL	---	---	13 692	0 838	0 151	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 442	0 028	0 005	0	0	0	0	0	---	---	MEAN
MAX	---	---	4 62	0 146	0 010	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 080
MAXIMUM DAILY, 4 628 ON MAR 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5 398 AT 09 10 CST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 23 16 N
LONG 104 27 39 W
DRAINAGE AREA, 135 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 180	SEP	0
APR	72 4	OCT	0
MAY	13 0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 270 dam³

INDIANHEAD CREEK NEAR INDIAN HEAD - STATION NO 05JL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 006	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 133	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 128	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 110	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 110	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 108	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0 086	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0 062	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0 033	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0 007	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 3438	0	0	0	0	0	0	0	---	---	24
25	---	---	0 306	0	0	0	0	0	0	0	---	---	25
26	---	---	0 154	0	0	0	0	0	0	0	---	---	26
27	---	---	0 076	0	0	0	0	0	0	0	---	---	27
28	---	---	0 062	0	0	0	0	0	0	0	---	---	28
29	---	---	0 040	0	0	0	0	0	0	0	---	---	29
30	---		0 029	0	0	0	0	0	0	0	---	---	30
31	---		0 014		0		0	0		0		---	31
TOTAL	---	---	1 024	0 783	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 033	0 026	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 343	0 133	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 007
MAXIMUM DAILY, 0.3438 ON MAR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
6 988 AT 21 25 CST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 42 N
LONG 103 36 14 W
DRAINAGE AREA, 327 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	88 5	SEP	0
APR	67.7	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 156 dam³

INVERNESS CREEK NEAR BRODERICK - STATION NO 05HG021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.004	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.004	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.004	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.003	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.003	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.003	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.002	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.002	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.002	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.002	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.001	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.001	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0.0098	0	0	0	0	0	0	0	---	---	18
19	---	---	0.2078	0	0	0	0	0	0	0	---	---	19
20	---	---	0.2258	0	0	0	0	0	0	0	---	---	20
21	---	---	0.2958	0	0	0	0	0	0	0	---	---	21
22	---	---	0.3108	0	0	0.001	0	0	0	0	---	---	22
23	---	---	0.1098	0	0	0	0	0	0	0	---	---	23
24	---	---	0.0578	0	0	0	0	0	0	0	---	---	24
25	---	---	0.0888	0	0	0	0	0	0	0	---	---	25
26	---	---	0.0258	0	0	0	0	0	0	0	---	---	26
27	---	---	0.007	0	0	0	0	0	0	0	---	---	27
28	---	---	0.006	0	0	0	0	0	0	0	---	---	28
29	---	---	0.006	0	0	0	0	0	0	0	---	---	29
30	---		0.005	0	0	0	0	0	0	0	---	---	30
31	---		0.005		0		0	0		0		---	31
TOTAL	---	---	1.334	0.037	0	0.001	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.043	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.310	0.004	0	0.001	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.3108 ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.9998 AT 07:53 CST ON MAR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 30 16 N
LONG 106 49 18 W
DRAINAGE AREA, 61.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	115	SEP	0
APR	3.20	OCT	0
MAY	0	NOV	---
JUN	0.09	DEC	---

TOTAL DISCHARGE, 118 dam³

IRONSPRING CREEK NEAR WATSON - STATION NO 05MA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 E	0.8808	0.036	0.363	0.036	0	0	0	---	---	1
2	---	---	0 E	0.8588	0.039	0.339	0.034	0	0	0	---	---	2
3	---	---	0 E	0.8868	0.033	0.307	0.033	0	0	0	---	---	3
4	---	---	0 E	0.731	0.029	0.285	0.031	0	0	0	---	---	4
5	---	---	0 E	0.543	0.029	0.201	0.028	0	0	0	---	---	5
6	---	---	0 B	0.401	0.030	0.128	0.024	0	0	0	---	---	6
7	---	---	0 B	0.310	0.031	0.158	0.020	0	0	0	---	---	7
8	---	---	0 B	0.178	0.026	0.188	0.016	0	0	0	---	---	8
9	---	---	0 B	0.095	0.024	0.214	0.013	0	0	0	---	---	9
10	---	---	0 B	0.078	0.028	0.167	0.010	0	0	0	---	---	10
11	---	---	0 B	0.077	0.042	0.136	0.006	0	0	0	---	---	11
12	---	---	0 B	0.061	0.056	0.112	0.004	0	0	0	---	---	12
13	---	---	0 B	0.043	0.040	0.094	0.002	0	0	0	---	---	13
14	---	---	0 B	0.027	0.032	0.078	0.001	0	0	0	---	---	14
15	---	---	0 B	0.018	0.029	0.057	0	0	0	0	---	---	15
16	---	---	0 B	0.018	0.020	0.035	0	0	0	0	---	---	16
17	---	---	0 B	0.020	0.136	0.032	0	0	0	0	---	---	17
18	---	---	0 B	0.055	0.220	0.018	0	0	0	0	---	---	18
19	---	---	0 B	0.058	0.123	0.013	0	0	0	0	---	---	19
20	---	---	0 B	0.052	0.082	0.012	0	0	0	0	---	---	20
21	---	---	0 B	0.048	0.056	0.018	0	0	0	0	---	---	21
22	---	---	0 B	0.058	0.060	0.035	0	0	0	0	---	---	22
23	---	---	0.0238	0.049	0.023	0.069	0	0	0	0	---	---	23
24	---	---	0.1458	0.044	0.029	0.093	0	0	0	0	---	---	24
25	---	---	1.20 B	0.040	0.021	0.075	0	0	0	0	---	---	25
26	---	---	1.68 B	0.050	0.002	0.053	0	0	0	0	---	---	26
27	---	---	2.28 B	0.059	0.005	0.042	0	0	0	0	---	---	27
28	---	---	1.78 B	0.077	0.202	0.051	0	0	0	0	---	---	28
29	---	---	1.65 B	0.088	0.440	0.047	0	0	0	0	---	---	29
30	---		2.18 B	0.041	0.393	0.040	0	0	0	0	---	---	30
31	---		1.39 B		0.377		0		0	0		---	31
TOTAL	---	---	12.538	6.127	5.693	3.440	0.258	0	0	0	---	---	TOTAL
MEAN	---	---	0.404	0.204	0.087	0.119	0.008	0	0	0	---	---	MEAN
MAX	---	---	2.28	0.880	0.440	0.383	0.036	0	0	0	---	---	MAX
MIN	---	---	0	0.018	0.002	0.012	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.102
MAXIMUM DAILY, 2.280 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
3.618 AT 10:37 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 03 25 N
LONG 104 29 56 W
DRAINAGE AREA, 588 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	22.3
FEB	---	AUG	0
MAR	1 080	SEP	0
APR	539	OCT	0
MAY	233	NOV	---
JUN	287	DEC	---

TOTAL DISCHARGE, 2 180 dam³

ISKWAO CREEK NEAR CRAIK - STATION NO 05JG014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 136	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 101	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 071	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 054	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 040	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 030	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 023	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0 018	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0 015	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0 014	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0 010	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0 007	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0 004	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0 002	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0 001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0 001	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 0058	0	0	0	0	0	0	0	---	---	19
20	---	---	0 3158	0	0	0	0	0	0	0	---	---	20
21	---	---	0 8718	0	0	0	0	0	0	0	---	---	21
22	---	---	0 3428	0	0	0	0	0	0	0	---	---	22
23	---	---	0 3898	0	0	0	0	0	0	0	---	---	23
24	---	---	0 5748	0	0	0	0	0	0	0	---	---	24
25	---	---	0 4578	0	0	0	0	0	0	0	---	---	25
26	---	---	0 3598	0	0	0	0	0	0	0	---	---	26
27	---	---	0 5108	0	0	0	0	0	0	0	---	---	27
28	---	---	0 412	0	0	0	0	0	0	0	---	---	28
29	---	---	0 299	0	0	0	0	0	0	0	---	---	29
30	---		0 224	0	0	0	0	0	0	0	---	---	30
31	---		0 174		0		0	0		0		---	31
TOTAL	---	---	4 931	0 527	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 159	0 018	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 871	0 136	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 022
MAXIMUM DAILY, 0 8718 ON MAR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1 148 AT 21 56 CST ON MAR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 58 44 N
LONG 105 57 34 W
DRAINAGE AREA, 361 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	426	SEP	0
APR	45 5	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 472 dam³

JACKFISH LAKE NEAR COCHIN - STATION NO 05EG003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	529 693	529 715	529 756A	529 694	529 649	529 533	529 402	529 375E	529 375	---	1
2	---	---	529 700	529 717	529 744	529 690	529 638	529 530	529 397	529 375A	529 378	---	2
3	---	---	529 702	529 722	529 738	529 698	529 624	529 523	529 393	529 376	529 382	---	3
4	---	---	529 705	529 727	529 739	529 699	529 617	529 523	529 397	529 378	529 383	---	4
5	---	---	529 705	529 734	529 730	529 695	529 615	529 523	529 393	529 376	529 386A	---	5
6	---	---	529 705A	529 747	529 722	529 689	529 620	529 526	529 387	529 377	---	---	6
7	---	---	529 706A	529 754	529 717	529 694	529 602	529 516	529 388	529 373	---	---	7
8	---	---	529 709	529 764	529 716	529 699	529 593	529 511	529 378	529 374	---	---	8
9	---	---	529 711	529 775	529 713	529 706	529 590	529 516	529 379	529 374	---	---	9
10	---	---	529 709A	529 784	529 697	529 708	529 590	529 514	529 376	529 378	---	---	10
11	---	---	529 707A	529 792	529 709	529 706	529 586	529 505	529 369	529 377	---	---	11
12	---	---	529 709	529 813	529 704	529 704	529 582	529 505	529 365	529 374	---	---	12
13	---	---	529 711	529 818	529 703	529 702	529 583	529 498	529 370	529 370	---	---	13
14	---	---	529 712A	529 826	529 700	529 700	529 586	529 480	529 368	529 367	---	---	14
15	---	---	529 712	529 831	529 697	529 697	529 586	529 480	529 371	529 365	---	---	15
16	---	---	529 712A	529 838	529 684	529 694	529 580	529 478	529 366	529 323	---	---	16
17	---	---	529 713	529 829	529 700	529 680	529 581	529 478	529 365	529 366	---	---	17
18	---	---	529 713	529 820	529 708	529 684	529 579	529 477	529 362	529 360	---	---	18
19	---	---	529 714A	529 818	529 717	529 684	529 577	529 469	529 359	529 370	---	---	19
20	---	---	529 713A	529 814	529 713	529 695	529 565	529 467	529 358	529 374	---	---	20
21	---	---	529 714A	529 814	529 715A	529 693	529 567	529 464	529 353	529 374	---	---	21
22	---	---	529 715	529 800	529 719A	529 691	529 563	529 461	529 358	529 371	---	---	22
23	---	---	529 718A	529 800	529 711A	529 695	529 563	529 458	529 371	529 373	---	---	23
24	---	---	529 718	529 795	529 732	529 692	529 559	529 449	529 371A	529 377	---	---	24
25	---	---	529 717A	529 782	529 738	529 684	529 556	529 452	529 372E	529 384	---	---	25
26	---	---	529 715A	529 784	529 736	529 683	529 557	529 451	529 372E	529 365	---	---	26
27	---	529 695A	529 713	529 770	529 735A	529 676	529 553	529 447	529 373E	529 369	---	---	27
28	---	529 695	529 712	529 773A	529 738E	529 676	529 551	529 430	529 373E	529 376	---	---	28
29	---	529 695	529 714	529 767E	529 731	529 677	529 544	529 394	529 374E	529 376	---	---	29
30	---		529 714	529 763E	529 725	529 684	529 540	529 397	529 374E	529 374	---	---	30
31	---		529 714		529 718		529 535	529 406		529 376		---	31
MEAN	---	---	529 711	529 783	529 719	529 692	529 582	529 478	529 374	529 371	---	---	MEAN
MAX	---	---	529 718	529 838	529 756	529 708	529 649	529 533	529 402	529 384	---	---	MAX
MIN	---	---	529 699	529 715	529 684	529 684	529 535	529 394	529 353	529 323	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 529 838 ON APR 16

MAXIMUM INSTANTANEOUS,
529 840 AT 15 10 CST ON APR 16

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 07 02 N
LONG 103 22 54 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

JACKFISH RIVER NEAR PRINCE - STATION NO 05EG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.8	0.8	4.67	4.28	1.94	0	0	0	---	---	1
2	---	---	0.8	0.8	4.82	4.17	1.95	0	0	0	---	---	2
3	---	---	0.8	0.8	4.73	3.90	1.89	0	0	0	---	---	3
4	---	---	0.8	0.8	4.73	3.75	1.83	0	0	0	---	---	4
5	---	---	0.8	0.8	4.74	3.81	1.77	0	0	0	---	---	5
6	---	---	0.8	0.8	4.72	3.47	1.80	0	0	0	---	---	6
7	---	---	0.8	0.8	4.68	3.52	1.70	0	0	0	---	---	7
8	---	---	0.8	0.8	4.61	3.52	1.72	0	0	0	---	---	8
9	---	---	0.8	0.8	4.53	3.35	1.70	0	0	0	---	---	9
10	---	---	0.8	0.8	4.60	3.24	1.70	0	0	0	---	---	10
11	---	---	0.8	0.8	4.54	3.13	0.609	0	0	0	---	---	11
12	---	---	0.8	0.8	4.50	3.02	0	0	0	0	---	---	12
13	---	---	0.8	0.8	4.46	2.92	0	0	0	0	---	---	13
14	---	---	0.8	0.8	4.31	2.80	0	0	0	0	---	---	14
15	---	---	0.8	0.8	4.32	2.71	0	0	0	0	---	---	15
16	---	---	0.8	5.83	4.43	2.65	0	0	0	0	---	---	16
17	---	---	0.8	10.0	4.73	2.80	0	0	0	0	---	---	17
18	---	---	0.8	9.00	4.74	2.41	0	0	0	0	---	---	18
19	---	---	0.8	8.00	4.61	2.29	0	0	0	0	---	---	19
20	---	---	0.8	7.00	4.54	2.35	0	0	0	0	---	---	20
21	---	---	0.8	6.30	4.64	2.34	0	0	0	0	---	---	21
22	---	---	0.8	5.80	4.63	2.34	0	0	0	0	---	---	22
23	---	---	0.8	5.40	4.55	2.31	0	0	0	0	---	---	23
24	---	---	0.8	5.08	4.55	2.26	0	0	0	0	---	---	24
25	---	---	0.8	5.09	4.64	2.28	0	0	0	0	---	---	25
26	---	---	0.8	5.07	4.82	2.24	0	0	0	0	---	---	26
27	---	---	0.8	5.03	4.58	2.17	0	0	0	0	---	---	27
28	---	---	0.8	4.98	4.57	2.13	0	0	0	0	---	---	28
29	---	---	0.8	4.94	4.52	2.04	0	0	0	0	---	---	29
30	---		0.8	4.89	4.42	1.99	0	0	0	0	---	---	30
31	---		0.9		4.33		0	0		0		---	31
TOTAL	---	---	0	92.21	142.26	85.79	16.409	0	0	0	---	---	TOTAL
MEAN	---	---	0	3.07	4.59	2.86	0.594	0	0	0	---	---	MEAN
MAX	---	---	0	10.0	4.87	4.28	1.95	0	0	0	---	---	MAX
MIN	---	---	0	0	4.22	1.99	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 10.0 ON APR 17
MINIMUM DAILY, 0.8 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 14 N
LONG 108 21 55 W
DRAINAGE AREA, 3 320 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 590
FEB	---	AUG	0
MAR	0	SEP	0
APR	7 970	OCT	0
MAY	12 300	NOV	---
JUN	7 410	DEC	---

TOTAL DISCHARGE, 29 300 dam³

JAN LAKE NEAR THE HANSON LAKE ROAD - STATION NO 05KG010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	29.384	29.687	29.591	---	---	---	---	1
2	---	---	---	---	29.256	29.396	29.687	29.584E	---	---	---	---	2
3	---	---	---	---	29.252	29.416	29.674E	29.576	---	---	---	---	3
4	---	---	---	---	29.254	29.416	29.681	29.572	---	---	---	---	4
5	---	---	---	---	29.256E	29.436	29.679	29.560	---	---	---	---	5
6	---	---	---	---	29.256E	29.433	29.675	29.552	---	---	---	---	6
7	---	---	---	---	29.256	29.445	29.655	29.582	---	---	---	---	7
8	---	---	---	---	29.262	29.469	29.657	29.570	---	---	---	---	8
9	---	---	---	---	29.252	29.475E	29.659	29.570	---	---	---	---	9
10	---	---	---	---	29.252	29.481	29.658	29.560	---	---	---	---	10
11	---	---	---	---	29.262	29.477E	29.660	29.560	---	---	---	---	11
12	---	---	---	---	29.268E	29.473	29.650	29.538	---	---	---	---	12
13	---	---	---	---	29.270E	29.483	29.644	29.527	---	---	---	---	13
14	---	---	---	---	29.274	29.483	29.700	29.543	---	---	---	---	14
15	---	---	---	---	29.268	29.495	29.690	29.529	---	---	---	---	15
16	---	---	---	---	29.277E	29.495	29.684	29.517	---	---	---	---	16
17	---	---	---	---	29.268	29.548	29.680	29.511	---	---	---	---	17
18	---	---	---	---	29.262	29.558	29.682	29.503	---	---	---	---	18
19	---	---	---	---	29.313	29.628	29.680	29.501	---	---	---	---	19
20	---	---	---	---	29.308	29.578	29.662E	29.523	---	---	---	---	20
21	---	---	---	---	29.348	29.618	29.665	29.541	---	---	---	---	21
22	---	---	---	---	29.350E	29.624E	29.655	29.501	---	---	29.264	---	22
23	---	---	---	---	29.350E	29.632	29.647	29.483	---	---	---	---	23
24	---	---	---	---	29.350	29.644	29.638	29.479	---	---	---	---	24
25	---	---	---	---	29.372	29.656	29.638	29.476	---	---	---	---	25
26	---	---	---	---	29.376	29.686	29.623	29.472	---	---	---	---	26
27	---	---	---	---	29.378	29.684	29.613	29.463	---	---	---	---	27
28	---	---	---	---	29.386	29.689	29.613	29.458	---	---	---	---	28
29	---	---	---	---	29.388	29.689	29.613E	29.458	---	---	---	---	29
30	---	---	---	---	29.396	29.683	29.613	29.474	---	---	---	---	30
31	---		---		29.392		29.607	---		---		---	31
MEAN	---	---	---	---	---	29.538	29.655	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	29.689	29.700	---	---	---	---	---	MAX
MIN	---	---	---	---	---	29.384	29.607	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.700 ON JUL 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 53 36 N
LONG 102 49 37 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

JEWEL CREEK NEAR GOODWATER - STATION NO 05NB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00 00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 23 10 N
LONG 103 42 42 W
DRAINAGE AREA, 209 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

JUMPING DEER CREEK NEAR LIPTON - STATION NO 05JK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 1158	0 001	0 010	0	0 001	0	0	0 0018	---	1
2	---	---	0 B	0 1218	0 001	0 009	0	0 001	0	0 001	0 0018	---	2
3	---	---	0 B	0 1568	0 001	0 010	0	0 001	0	0 001	0 0018	---	3
4	---	---	0 B	0 142	0 004	0 013	0	0 001	0	0 001	0 0018	---	4
5	---	---	0 B	0 123	0 006	0 019	0	0 001	0	0 001	0 0018	---	5
6	---	---	0 B	0 117	0 006	0 055	0	0 001	0	0 001	---	---	6
7	---	---	0 B	0 114	0 003	0 037	0	0 001	0	0 001	---	---	7
8	---	---	0 B	0 087	0 004	0 024	0	0 001	0	0 001	---	---	8
9	---	---	0 B	0 069	0 005	0 020	0	0	0	0 001	---	---	9
10	---	---	0 B	0 078	0 006	0 014	0	0	0	0 001	---	---	10
11	---	---	0 B	0 054	0 008	0 005	0	0	0	0 001	---	---	11
12	---	---	0 B	0 044	0 011	0 004	0	0	0	0 001	---	---	12
13	---	---	0 B	0 060	0 026	0 004	0	0	0	0 001	---	---	13
14	---	---	0 B	0 064	0 017	0 004	0	0	0	0 001	---	---	14
15	---	---	0 B	0 062	0 010	0 005	0	0	0	0 001	---	---	15
16	---	---	0 B	0 052	0 011	0 006	0	0 A	0	0 001	---	---	16
17	---	---	0 B	0 053	0 086	0 018	0	0 E	0	0 001	---	---	17
18	---	---	0 B	0 048	0 088	0 020	0	0 E	0	0 001	---	---	18
19	---	---	0 B	0 039	0 087	0 008	0	0 E	0	0 001	---	---	19
20	---	---	0 B	0 032	0 052	0 009	0	0 E	0	0 001	---	---	20
21	---	---	0 B	0 026	0 033	0 014	0	0 E	0	0 001	---	---	21
22	---	---	0 B	0 023	0 022	0 033	0	0 E	0 001	0 001	---	---	22
23	---	---	0 0208	0 012	0 012	0 125	0	0 E	0 001	0 001	---	---	23
24	---	---	0 4118	0 064	0 019	0 091	0	0 E	0	0 001	---	---	24
25	---	---	0 5218	0 001	0 018	0 050	0	0 E	0	0 001	---	---	25
26	---	---	0 6858	0 002	0 013	0 028	0 001	0 E	0	0 001	---	---	26
27	---	---	0 5098	0 003	0 008	0 015	0 001	0 E	0	0 001	---	---	27
28	---	---	0 5138	0 011	0 007	0 010	0 001	0 E	0	0 0018	---	---	28
29	---	---	0 3268	0 007	0 014	0 001	0 001	0	0	0 0018	---	---	29
30	---		0 2038	0 001	0 018	0	0 001	0	0	0 0018	---	---	30
31	---		0 1518		0 012		0 001	0		0 0018		---	31
TOTAL	---	---	3 439	1 788	0 589	0 EE2	E 006	0 008	0 002	0 030	---	---	TOTAL
MEAN	---	---	0 111	0 059	0 019	0 022	0	0	0	0 001	---	---	MEAN
MAX	---	---	0 685	0 156	0 088	0 125	0 001	0 001	0 001	0 001	---	---	MAX
MIN	---	---	0	0 001	0 001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 027
MAXIMUM DAILY, 0 6858 ON MAR 26
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1 218 AT 11 14 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 10 N
LONG 103 53 57 W
DRAINAGE AREA, 1 680 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 52
FEB	---	AUG	0 89
MAR	297	SEP	0 17
APR	153	OCT	2 59
MAY	50 9	NOV	---
JUN	57 2	DEC	---

TOTAL DISCHARGE, 582 dam³

JUNCTION RESERVOIR NEAR MAPLE CREEK - STATION NO 05HA003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	755 355	755 499E	754 019	754 453	754 338	754 128	753 969	753 777	---	---	1
2	---	---	755 359	755 504E	754 944	754 462	754 332	754 131	753 974	753 775	---	---	2
3	---	---	755 363	755 508E	754 851	754 487	754 327	754 156	753 974	753 777	---	---	3
4	---	---	755 384	755 512A	754 777	754 485	754 321	754 154	753 979	753 775	---	---	4
5	---	---	755 386	755 509	754 704	754 457	754 315	754 151	753 978	753 772	---	---	5
6	---	---	755 389	755 507	754 621	754 458	754 315	754 145	753 966	753 770	---	---	6
7	---	---	755 385	755 501A	754 535	754 468	754 298	754 133	753 950	753 767	---	---	7
8	---	---	755 388	755 503E	754 481	754 461	754 290	754 115	753 965	753 758	---	---	8
9	---	---	755 372	755 503E	754 382	754 439	754 283	754 114	753 969	753 767	---	---	9
10	---	---	755 379E	755 502E	754 276	754 442	754 278	754 109	753 975	753 764	---	---	10
11	---	---	755 383E	755 502E	754 206	754 444	754 272	754 096	753 977	753 761	---	---	11
12	---	---	755 388E	755 502E	754 142	754 443	754 264	754 093	753 970	753 750	---	---	12
13	---	---	755 393E	755 502E	754 093	754 444	754 253	754 086	753 974	753 743	---	---	13
14	---	755 297A	755 399E	755 502E	754 052	754 436	754 249	754 078	753 977	753 737	---	---	14
15	---	755 292	755 405E	755 504E	754 070	754 437	754 248	754 077	753 984	753 728	---	---	15
16	---	755 295	755 412E	755 503A	754 140	754 425	754 235	754 070	753 977	753 718	---	---	16
17	---	755 300	755 417E	755 498	754 192	754 417	754 232	754 067	753 955	753 737E	---	---	17
18	---	755 305	755 423E	755 494	754 248	754 414	754 220	754 054	753 858	753 746E	---	---	18
19	---	755 310	755 429E	755 498	754 284	754 409	754 211	754 046	753 787	753 746E	---	---	19
20	---	755 317	755 435E	755 500	754 317	754 403	754 198	754 039	753 762	753 745E	---	---	20
21	---	755 322	755 440E	755 497	754 342	754 408	754 181	754 034	753 771	753 746E	---	---	21
22	---	755 324	755 444E	755 480	754 373	754 401	754 168	754 031	753 775	753 747E	---	---	22
23	---	755 327	755 448E	755 479	754 393	754 408	754 164	754 026	753 780	753 748E	---	---	23
24	---	755 331	755 454E	755 481	754 405	754 408	754 156	754 022	753 781	753 747E	---	---	24
25	---	755 335	755 459E	755 401	754 433	754 400	754 151	754 015	753 778	753 747E	---	---	25
26	---	755 337	755 464E	755 342	754 451	754 397	754 148	754 004	753 779	753 747E	---	---	26
27	---	755 341	755 470A	755 280	754 458	754 385	754 141	753 992	753 779	753 747E	---	---	27
28	---	755 346	755 180	755 224	754 473	754 385	754 129	753 972	753 779	753 747E	---	---	28
29	---	755 352	755 483A	755 157	754 484	754 350	754 120	753 981	753 777	753 748E	---	---	29
30	---		755 491E	755 091	754 487	754 344	754 120	753 956	753 780	753 749A	---	---	30
31	---		755 495E		754 487		754 126	753 957		753 749E		---	31
MEAN	---	---	755 415	755 449	754 421	754 424	754 228	754 065	753 889	753 753	---	---	MEAN
MAX	---	---	755 495	755 512	755 018	754 487	754 338	754 156	753 984	753 777	---	---	MAX
MIN	---	---	755 355	755 091	754 052	754 344	754 120	753 956	753 762	753 718	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY. 755 512A ON APR 4

MAXIMUM INSTANTANEOUS.
755 525 AT 14 44 CST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 10 N
LONG 109 31 05 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA.
1 230 km²

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM
APPLY -10 415 m ADJUSTMENT TO CONVERT TO RECLAMATION SERVICE OF CANADA DATUM

KATEPWA LAKE AT KATEPWA BEACH - STATION NO 05JL004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	478 324	478 339	478 344	478 313	478 261	478 238	478 310	478 256	478 118	477 927	477 765	477 783	1
2	478 325	478 341	478 344	478 309	478 263	478 220	478 312	478 256	478 115	477 933	477 755	477 801	2
3	478 326	478 345	478 344	478 304	478 267	478 218	478 312	478 257	478 109	477 934	477 747	477 819	3
4	478 329	478 344	478 345	478 303	478 268	478 216	478 307	478 260	478 105	477 923	477 744	477 837	4
5	478 329	478 341	478 344	478 300	478 274	478 216	478 302	478 265	478 096	477 918	477 737	477 859	5
6	478 330	478 346	478 343	478 298	478 278	478 222	478 296	478 268	478 092	477 914	477 734	477 882	6
7	478 331	478 350	478 348	478 297	478 275	478 236	478 293	478 265	478 090	477 910	477 733	477 902	7
8	478 331	478 351	478 343	478 293	478 273	478 237	478 294	478 262	478 088	477 906	477 728	477 923	8
9	478 331	478 353	478 346	478 291	478 269	478 237	478 292	478 252	478 084	477 898	477 720	477 941	9
10	478 331	478 349	478 351	478 295	478 279	478 239	478 288	478 243	478 083	477 888	477 723	477 956	10
11	478 333	478 350	478 349	478 296	478 280	478 245	478 285	478 237	478 078	477 879	477 711	477 972	11
12	478 334	478 348	478 350	478 295	478 279	478 248	478 281	478 237	478 078	477 873	477 704	477 984	12
13	478 335	478 350	478 351	478 295	478 277	478 246	478 280	478 235	478 077	477 878	477 698	478 003	13
14	478 335	478 351	478 352	478 294	478 267	478 244	478 283	478 233	478 070	477 860	477 703	478 021	14
15	478 337	478 352	478 352	478 292	478 267	478 249	478 276	478 222	478 080	477 854	477 702	478 036	15
16	478 339	478 351	478 350	478 291	478 268	478 263	478 271	478 218	478 047	477 862	477 691	478 052	16
17	478 334	478 351	478 350	478 287	478 276	478 276	478 285	478 214	478 037	477 567	477 688	478 066	17
18	478 334	478 352	478 351	478 284	478 263	478 274	478 283	478 211	478 026	477 848	477 683	478 081	18
19	478 333	478 351	478 352	478 283	478 253	478 271	478 259	478 212	478 015	477 838	477 674	478 098	19
20	478 331	478 351	478 354	478 284	478 248	478 271	478 253	478 207	478 002	477 833	477 671	478 114	20
21	478 335	478 353	478 353	478 284	478 253	478 282	478 257	478 188	478 000	477 826	477 685	478 133	21
22	478 334	478 351	478 350	478 280	478 251	478 292	478 259	478 187	478 011	477 819	477 680	478 147	22
23	478 336	478 350	478 351	478 282	478 242	478 303	478 253	478 183	477 996	477 811	477 683	478 160	23
24	478 336	478 348	478 352	478 282	478 245	478 299	478 255	478 181A	477 983	477 802	477 673	478 173	24
25	478 334	478 347	478 358	478 277	478 242	478 300	478 263	478 177A	477 974	477 797	477 683	478 187	25
26	478 333	478 345	478 380	478 272	478 241	478 303	478 253	478 170E	477 965	477 794	477 687	478 202	26
27	478 332	478 346	478 365	478 274	478 241	478 305	478 251	478 163E	477 955	477 786	477 712	478 218	27
28	478 337	478 343	478 368	478 269	478 242	478 313	478 251	478 154A	477 946	477 781	477 728	478 229	28
29	478 337	478 343	478 335	478 258	478 247	478 313	478 253	478 142	477 937	477 774	477 742	478 238	29
30	478 334		478 327	478 260	478 247	478 310	478 257	478 134	477 929	477 769	477 763	478 244	30
31	478 337		478 319		478 249		478 259	478 120		477 772		478 253	31
MEAN	478 333	478 348	478 347	478 288	478 250	478 283	478 275	478 213	478 039	477 855	477 710	478 042	MEAN
MAX	478 339	478 363	478 380	478 313	478 290	478 313	478 312	478 268	478 118	477 934	477 766	478 253	MAX
MIN	478 324	478 339	478 319	478 258	478 241	478 216	478 251	478 120	477 929	477 769	477 680	477 783	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN. 478 184
MAXIMUM DAILY. 478 380 ON MAR 26
MINIMUM DAILY. 477 680 ON NOV 22
MAXIMUM INSTANTANEOUS.
478 382 AT 20 05 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 36 N
LONG 103 37 15 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KEELEY RIVER AT OUTLET OF KEELEY LAKE - STATION NO 05BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2 17	1 91	1 73	1 61	2 27	8 86	6 47	4 14	1 72	1 65	1 70	2 06	1
2	2 16	1 89	1 73	1 63	2 35	8 83	6 23	4 18	1 85	1 62	1 70	2 05	2
3	2 16	1 89	1 72	1 66	2 24	8 80	6 01	4 06	1 87	1 55	1 74	2 04	3
4	2 14	1 87	1 71	1 69	2 23	8 72	5 89	3 93	1 64	1 50	1 74	2 05	4
5	2 14	1 84	1 71	1 72	2 17	8 78	5 77	3 88	1 58	1 49	1 73	2 03	5
6	2 11	1 85	1 72	1 75	2 16	8 72	5 84	3 87	1 56	1 46	1 74	2 05	6
7	2 09	1 84	1 72	1 78	2 11	8 65	5 98	4 10	1 87	1 46	1 74	2 08	7
8	2 09	1 84	1 70	1 81	2 14	8 58	5 68	3 81	1 99	1 46	1 75	2 03	8
9	2 07	1 83	1 68	1 86	2 11	8 59	5 59	3 73	2 04	1 46	1 74	2 02	9
10	2 03	1 84	1 67	1 91	2 19	8 64	5 51	3 66	2 05	1 45	1 73	2 04	10
11	2 01	1 83	1 68	1 99	2 24	8 62	5 33	3 59	2 02	1 45	1 74	2 01	11
12	2 02	1 82	1 68	2 03	2 23	8 27	5 28	3 55	1 97	1 46	1 75	2 01	12
13	2 01	1 83	1 66	2 07	2 21	8 28	5 28	3 54	2 02	1 44	1 89	2 02	13
14	1 96	1 80	1 64	2 10	2 15	8 23	5 28	3 33	2 02	1 47	1 97	2 09	14
15	1 96	1 80	1 64	2 13	2 19	8 04	5 19	3 19	2 01	1 41	1 99	2 13	15
16	1 96	1 79	1 63	2 16	2 30	7 95	4 99	3 12	2 00	1 36	1 98	2 07	16
17	1 94	1 79	1 63	2 19	2 79	7 99	5 02	3 07	1 97	1 58	1 98	2 03	17
18	1 94	1 78	1 63	2 25	3 21	7 92	4 83	3 00	1 92	1 64	1 98	2 03	18
19	1 94	1 77	1 63	2 26	3 46	7 70	4 79	2 83	1 91	1 66	1 99	2 04	19
20	1 92	1 78	1 63	2 29	4 07	7 69	5 09	2 76	1 82	1 69	2 00	2 088	20
21	1 93	1 76	1 62	2 30	5 04	7 57	5 14	2 66	1 76	1 74	2 00	2 118	21
22	1 96	1 76	1 62	2 35	5 81	7 50	4 98	2 66	1 79	1 85	1 59	2 078	22
23	1 96	1 74	1 60	2 38	6 47	7 40	4 87	2 58	1 82	1 76	2 02	2 088	23
24	1 96	1 74	1 58	2 39	7 12	7 26	4 76	2 54	1 76	1 81	2 03	2 118	24
25	1 98	1 71	1 58	2 37	7 61	7 24	4 76	2 52	1 72	1 89	2 02	2 128	25
26	1 95	1 70	1 57	2 33	7 97	7 07	4 71	2 52	1 70	1 91	2 02	2 118	26
27	1 98	1 68	1 57	2 32	8 23	7 02	4 60	2 33	1 69	1 78	2 01	2 098	27
28	1 98	1 66	1 57	2 27	8 40	6 98	4 47	2 51	1 69	1 76	2 02	2 058	28
29	1 96	1 73	1 56	2 27	8 54	6 94	4 44	2 20	1 63	1 74	2 05	2 048	29
30	1 94		1 57	2 28	8 54	7 04	4 35	1 85	1 64	1 66	2 05	2 058	30
31	1 94		1 60		8 77		4 24	1 78		1 69		2 038	31
TOTAL	62 36	52 07	50 98	62 15	131 23	239 68	161 37	97 49	54 81	49 86	56 80	63 82	TOTAL
MEAN	2 01	1 80	1 64	2 07	4 23	7 99	5 21	3 14	1 83	1 61	1 89	2 06	MEAN
MAX	2 17	1 91	1 73	2 39	8 77	8 86	6 47	4 18	2 05	1 91	2 05	2 13	MAX
MIN	1 92	1 66	1 56	1 61	2 11	6 94	4 24	1 78	1 54	1 36	1 70	2 01	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 96
MAXIMUM DAILY, 8 86 ON JUN 1
MINIMUM DAILY, 1 36 ON OCT 16
MAXIMUM INSTANTANEOUS,
8 98 AT 04 44 CST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 55 10 N
LONG 108 03 20 W
DRAINAGE AREA 1 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 390	JUL	13 900
FEB	4 500	AUG	8 420
MAR	4 400	SEP	4 740
APR	5 370	OCT	4 310
MAY	11 300	NOV	4 910
JUN	20 700	DEC	5 510

TOTAL DISCHARGE 93 500 dam

KELSEY CREEK NEAR GARRICK - STATION NO 05KE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 8	0 060	0 183	0 014	0	0	0 E	0 0058	---	1
2	---	---	0B	0 8	0 037	0 205	0 006	0	0	0 E	---	---	2
3	---	---	0B	0 8	0 027	0 178	0 006	0	0	0 E	---	---	3
4	---	---	0B	0 8	0 025	0 166	0 004	0	0	0 E	---	---	4
5	---	---	0B	0 8	0 021	0 150	0 003	0	0	0 E	---	---	5
6	---	---	0B	0 8	0 017	0 125	0 002	0	0	0 A	---	---	6
7	---	---	0B	0 0908	0 022	0 251	0 002	0	0	0	---	---	7
8	---	---	0B	0 8038	0 014	0 257	0 002	0	0	0	---	---	8
9	---	---	0B	5 36	0 008	0 227	0 001	0	0	0	---	---	9
10	---	---	0B	8 09	0 041	0 253	0 001	0	0	0	---	---	10
11	---	---	0B	6 30	0 069	0 294	0	0	0	0	---	---	11
12	---	---	0B	4 50	0 054	0 316	0	0	0	0	---	---	12
13	---	---	0B	3 14	0 034	0 294	0	0	0	0	---	---	13
14	---	---	0B	2 20	0 039	0 268	0	0	0	0	---	---	14
15	---	---	0B	1 59	0 036	0 237	0	0	0	0	---	---	15
16	---	---	0B	1 30	0 038	0 198	0	0	0	0 003	---	---	16
17	---	---	0B	0 976	0 069	0 180	0	0	0	0 019	---	---	17
18	---	---	0B	0 742	0 106	0 138	0	0	0	0 011	---	---	18
19	---	---	0B	0 579	0 077	0 106	0	0	0	0 005	---	---	19
20	---	---	0B	0 474	0 083	0 129	0	0	0	0 005	---	---	20
21	---	---	0B	0 606	0 134	0 187	0 001	0 014	0	0 004	---	---	21
22	---	---	0B	0 344	0 130	0 130	0 004	0 040	0 002	0 004	---	---	22
23	---	---	0B	0 321	0 141	0 111	0 001	0 015	0 001	0 002	---	---	23
24	---	---	0B	0 275	0 171	0 105	0	0 013	0 003	0 005	---	---	24
25	---	---	0B	0 251	0 153	0 140	0	0 008	0 002	0 009	---	---	25
26	---	---	0B	0 209	0 129	0 191	0	0 003	0 003	0 008	---	---	26
27	---	---	0B	0 186	0 142	0 125	0	0	0 0014	0 005	---	---	27
28	---	---	0B	0 150	0 161	0 070	0	0	0 001E	0 006	---	---	28
29	---	---	0B	0 129	0 176	0 050	0	0	0 001E	0 0058	---	---	29
30	---	---	0B	0 101	0 173	0 027	0	0	0 001E	0 0058	---	---	30
31	---	---	0B		0 166		0	0		0 0058			31
TOTAL	---	---	0	38 318	2 553	5 291	0 049	0 093	0 015	B 102	---	---	TOTAL
MEAN	---	---	0	1 28	0 082	0 176	0 002	0 003	0 001	0 003	---	---	MEAN
MAX	---	---	0	8 09	0 176	0 316	0 014	0 040	0 003	0 019	---	---	MAX
MIN	---	---	0	0	0 008	0 027	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 189
MAXIMUM DAILY, 8 09 ON APR 10
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8 99 AT 04 23 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 53 N
LONG 104 19 33 W
DRAINAGE AREA, 156 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 23
FEB	---	AUG	8 04
MAR	0	SEP	1 30
APR	3 310	OCT	6 81
MAY	221	NOV	---
JUN	457	DEC	---

TOTAL DISCHARGE, 4 010 dam

KENOSEE LAKE NEAR CARLYLE - STATION NO 05ND009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	738 646E	738 628E	738 642	738 572	738 536	738 388	738 207	738 175	---	---	1
2	---	---	---	738 626E	738 640	738 564	738 531	738 383	738 206	738 173	---	---	2
3	---	---	---	738 627E	738 639	738 557	738 526	738 379	738 202	738 170	---	---	3
4	---	---	---	738 628E	738 640	738 550	738 520	738 378	738 199	738 168	---	---	4
5	---	---	---	738 625E	738 639	738 547	738 517	738 374	738 192	738 166	---	---	5
6	---	---	---	738 624E	738 638	738 547	738 509	738 370	738 181	738 168	---	---	6
7	---	---	---	738 623E	738 637	738 551	738 503	738 366	738 201	738 170	---	---	7
8	---	---	---	738 622E	738 634	738 546	738 500	738 359	738 198	738 170	---	---	8
9	---	---	---	738 621E	738 633	738 543	738 494	738 351	738 199	738 172	---	---	9
10	---	---	---	738 620E	738 631	738 541	738 490	738 344	738 200	738 171	---	---	10
11	---	---	---	738 630E	738 627	738 540	738 486	738 339	738 187	738 173A	---	---	11
12	---	---	---	738 640E	738 627	738 542	738 482	738 332	738 188	738 172E	---	---	12
13	---	---	---	738 639E	738 624	738 540	738 479	738 331	738 188	738 171E	---	---	13
14	---	---	---	738 638E	738 620	738 537	738 471	738 325	738 187	738 170E	---	---	14
15	---	---	---	738 637E	738 615	738 537	738 461	738 317	738 185	738 170E	---	---	15
16	---	---	---	738 636E	738 613	738 540	738 456	738 308	738 192	738 200E	---	---	16
17	---	---	---	738 635A	738 615	738 542	738 449	738 303	738 192	738 220E	---	---	17
18	---	---	---	738 633	738 606	738 537	738 444	738 298	738 189	738 235E	---	---	18
19	---	---	---	738 631	738 601	738 533	738 437	738 294	738 183	738 245E	---	---	19
20	---	---	---	738 632	738 599	738 528	738 433	738 298	738 180	738 250E	---	---	20
21	---	---	---	738 631	738 599	738 534	738 429	738 290	738 178	738 253E	---	---	21
22	---	---	---	738 631	738 593	738 562	738 423	738 288	738 195	738 255E	---	---	22
23	---	---	---	738 626	738 591	738 565	738 415	738 276	738 190	738 254E	---	---	23
24	---	---	---	738 624	738 594	738 560	738 412	738 276	738 191	738 252E	---	---	24
25	---	---	---	738 619	738 593	738 559	738 409	738 271	738 192	738 251E	---	---	25
26	---	---	---	738 609	738 591	738 556	738 405	738 267	738 189	738 250E	---	---	26
27	---	---	738 606A	738 613	738 589	738 552	738 400	738 260	738 186	738 260E	---	---	27
28	---	---	---	738 645	738 587	738 549	738 393	738 248	738 185	738 250E	---	---	28
29	---	738 548A	---	738 642	738 584	738 546	738 388	738 234	738 180	738 257E	---	---	29
30	---	---	---	738 642	738 580	738 542	738 387	738 220	738 177	738 256E	---	---	30
31	---	---	738 630E		738 577		738 388	738 213		738 255A		---	31
MEAN	---	---	---	738 629	738 613	738 547	738 457	738 312	738 193	738 210	---	---	MEAN
MAX	---	---	---	738 645	738 642	738 572	738 536	738 386	738 207	738 260	---	---	MAX
MIN	---	---	---	738 609	738 577	738 528	738 387	738 213	738 177	738 166	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

A - MANUAL GAUGE

E - ESTIMATED

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 49 55 N
LONG 102 17 28 W

MAXIMUM DAILY 738 645 ON APR 28
MINIMUM DAILY 738 166 ON OCT 5
MAXIMUM INSTANTANEOUS
738 646 AT 15 14 CST ON APR 28

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KIPABISKAU LAKE NEAR MCKAGUE - STATION NO 05LA007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	513 570E	513 685	513 608	513 474	513 438E	513 468	---	---	1
2	---	---	---	---	513 584	513 675E	513 598	513 472	513 435E	513 468	---	---	2
3	---	---	---	---	513 556	513 665	513 588	513 480	513 431	513 468	---	---	3
4	---	---	---	---	513 549E	513 658	513 578	513 472	513 427E	513 466	---	---	4
5	---	---	---	---	513 541E	513 646	513 570	513 470	513 423	513 463	---	---	5
6	---	---	---	---	513 534	513 638	513 584E	513 490	513 421	513 467	---	---	6
7	---	---	---	---	513 529E	513 682	513 558	513 486	513 421	513 465	---	---	7
8	---	---	---	---	513 524	513 704E	513 548	513 480	513 423	513 463	---	---	8
9	---	---	---	---	513 547E	513 726	513 540	513 479E	513 421	513 461	---	---	9
10	---	---	---	---	513 571E	513 726	513 534	513 477E	513 421	513 457	---	---	10
11	---	---	---	---	513 594	513 726	513 531E	513 475	513 418	513 457	---	---	11
12	---	---	---	---	513 604	513 716	513 528	513 471E	513 430	513 457	---	---	12
13	---	---	---	513 722	513 604	513 704	513 478	513 468E	513 428	513 456	---	---	13
14	---	---	---	513 713E	513 594E	513 690E	513 539	513 465	513 426E	513 456	---	---	14
15	---	---	---	513 704	513 592E	513 676	513 535	513 463E	513 424	513 488	---	---	15
16	---	---	---	513 694E	513 604E	513 666	513 531E	513 461	513 422	513 467	---	---	16
17	---	---	---	513 684E	513 624E	513 677	513 527	513 466E	513 421E	513 486	---	---	17
18	---	---	---	513 674E	513 644	513 667	513 523E	513 471	513 420	513 487	---	---	18
19	---	---	---	513 664E	513 664	513 657	513 519	513 491	513 428E	513 488	---	---	19
20	---	---	---	513 654	513 674	513 668E	513 515	513 483	513 436E	513 489	---	---	20
21	---	---	---	513 647E	513 674	513 679	513 513E	513 483E	513 444E	513 481	513 523	---	21
22	---	---	---	513 641E	513 685	513 687	513 511	513 483	513 452E	513 492	---	---	22
23	---	---	---	513 634	513 689	513 687E	513 499	513 472	513 461E	513 492	---	---	23
24	---	---	---	513 632	513 725	513 687	513 499E	513 472	513 469	513 492	---	---	24
25	---	---	---	513 624	513 728E	513 687	513 499	513 472	513 469	513 482E	---	---	25
26	---	---	---	513 614E	513 731	513 657E	513 489	513 474	513 469	513 493	---	---	26
27	---	---	---	513 605E	513 731	513 647	513 486E	513 472	513 473	513 492	---	---	27
28	---	---	---	513 595E	513 725	513 637	513 483E	513 462E	513 463	513 492	---	---	28
29	---	---	---	513 588E	513 715	513 627	513 480	513 445E	513 458	513 491	---	---	29
30	---	---	---	513 576	513 705	513 617	513 478	513 442	513 468	513 491	---	---	30
31	---	---	---		513 699		513 476	513 442		513 491		---	31
MEAN	---	---	---	---	513 629	513 675	513 527	513 471	513 458	513 477	---	---	MEAN
MAX	---	---	---	---	513 731	513 726	513 608	513 491	513 473	513 493	---	---	MAX
MIN	---	---	---	---	513 524	513 617	513 476	513 442	513 418	513 456	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

E - ESTIMATED

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 34 18 N
LONG 104 11 04 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

MINIMUM DAILY, 513 418 ON SEP 11

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KNOX COULEE NEAR TUXFORD - STATION NO 05JG015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0 006	0	0	0	0	0	0	---	---	1
2	---	---	0	B	0 005	0	0	0	0	0	0	---	---	2
3	---	---	0	B	0 003	0	0	0	0	0	0	---	---	3
4	---	---	0	B	0 003	0	0	0	0	0	0	---	---	4
5	---	---	0	B	0 002	0	0	0	0	0	0	---	---	5
6	---	---	0	B	0 002	0	0	0	0	0	0	---	---	6
7	---	---	0	B	0 002	0	0	0	0	0	0	---	---	7
8	---	---	0	B	0 002	0	0	0	0	0	0	---	---	8
9	---	---	0	B	0 002	0	0	0	0	0	0	---	---	9
10	---	---	0	B	0 002	0	0	0	0	0	0	---	---	10
11	---	---	0	B	0 001	0	0	0	0	0	0	---	---	11
12	---	---	0	B	0 001	0	0	0	0	0	0	---	---	12
13	---	---	0	B	0 001	0	0	0	0	0	0	---	---	13
14	---	---	0	B	0 001	0	0	0	0	0	0	---	---	14
15	---	---	0	B	0 001	0	0	0	0	0	0	---	---	15
16	---	---	0	B	0 001	0	0	0	0	0	0	---	---	16
17	---	---	0	B	0 001	0	0	0	0	0	0	---	---	17
18	---	---	0	B	0	0	0	0	0	0	0	---	---	18
19	---	---	0	B	0	0	0	0	0	0	0	---	---	19
20	---	---	0	B	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0188	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0988	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0548	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0718	0	0	0	0	0	0	0	---	---	24
25	---	---	0	069	0	0	0	0	0	0	0	---	---	25
26	---	---	0	043	0	0	0	0	0	0	0	---	---	26
27	---	---	0	026	0	0	0	0	0	0	0	---	---	27
28	---	---	0	012	0	0	0	0	0	0	0	---	---	28
29	---	---	0	008	0	0	0	0	0	0	0	---	---	29
30	---		0	006	0	0	0	0	0	0	0	---	---	30
31	---		0	006		0		0	0		0	---	---	31
TOTAL	---	---	0	411	0 036	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	013	0 001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	098	0 006	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0		0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 002
MAXIMUM DAILY, 0 0988 ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 2248 AT 03 16 CST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 41 41 N
LONG 105 36 05 W
DRAINAGE AREA, 24 1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	35 5	SEP	0
APR	3 11	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 38 6 dam³

KOHLESCHMIDT CREEK NEAR ROSTHERN - STATION NO 05HN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	B	0 440	0	0	0	0	0	0	---	---	1
2	---	---	0	B	0 336	0	0	0	0	0	0	---	---	2
3	---	---	0	B	0 268	0	0 001	0	0	0	0	---	---	3
4	---	---	0	B	0 218	0	0 050	0	0	0	0	---	---	4
5	---	---	0	B	0 182	0	0 035	0	0	0	0	---	---	5
6	---	---	0	B	0 175	0	0 017	0	0	0	0	---	---	6
7	---	---	0	B	0 192	0	0 060	0	0	0	0	---	---	7
8	---	---	0	B	0 222	0	0 079	0	0	0	0	---	---	8
9	---	---	0	B	0 246	0	0 030	0	0	0	0	---	---	9
10	---	---	0	B	0 265	0	0 028	0	0	0	0	---	---	10
11	---	---	0	B	0 185	0	0 049	0	0	0	0	---	---	11
12	---	---	0	B	0 140	0	0 024	0	0	0	0	---	---	12
13	---	---	0	B	0 119	0	0 013	0	0	0	0	---	---	13
14	---	---	0	B	0 118	0	0 012	0	0	0	0	---	---	14
15	---	---	0	B	0 106	0	0 008	0	0	0	0	---	---	15
16	---	---	0	B	0 073	0	0	0	0	0	0	---	---	16
17	---	---	0	B	0 091	0 002	0	0	0	0	0	---	---	17
18	---	---	0	B	0 052	0 005	0	0	0	0	0	---	---	18
19	---	---	0	B	0 021	0 008	0	0	0	0	0	---	---	19
20	---	---	0	B	0 014	0 009	0	0	0	0	0	---	---	20
21	---	---	0	B	0 010	0 004	0	0	0	0	0	---	---	21
22	---	---	0	B	0 005	0 004	0	0	0	0	0	---	---	22
23	---	---	0	B	0 003	0 001	0 001	0	0	0	0	---	---	23
24	---	---	0	B	0 004	0 002	0	0	0	0	0	---	---	24
25	---	---	0	B	0 004	0 001	0	0	0	0	0	---	---	25
26	---	---	0	B	0 004	0	0	0	0	0	0	---	---	26
27	---	---	0	3008	0 003	0	0	0	0	0	0	---	---	27
28	---	---	0	8008	0	0	0	0	0	0	0	---	---	28
29	---	---	0	985A	0	0	0	0	0	0	0	---	---	29
30	---		0	817	0	0	0	0	0	0	0	---	---	30
31	---		0	726		0		0	0		0	---	---	31
TOTAL	---	---	3	508	3 496	0 036	0 407	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	116	0 117	0 001	0 014	0	0	0	0	---	---	MEAN
MAX	---	---	0	985	0 440	0 009	0 079	0	0	0	0	---	---	MAX
MIN	---	---	0		0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 031
MAXIMUM DAILY, 0 985A ON MAR 29
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 44 50 N
LONG 106 22 05 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	312	SEP	0
APR	302	OCT	0
MAY	3 11	NOV	---
JUN	35 2	DEC	---

TOTAL DISCHARGE, 652 dam³

LAC DES ILES NEAR GOODSOIL - STATION NO 05AF009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	26.160	26.383	26.610	26.698	26.601	26.510	---	---	1
2	---	---	---	---	26.160	26.398	26.610	26.698	26.599	26.502	---	---	2
3	---	---	---	---	26.160	26.410	26.614	26.693	26.599	26.492	---	---	3
4	---	---	---	---	26.160	26.414	26.618	26.693	26.595	26.487	---	---	4
5	---	---	---	---	26.160	26.425	26.618	26.690	26.591	26.483	---	---	5
6	---	---	---	---	26.160	26.441	26.625	26.716	26.589	26.477	---	---	6
7	---	---	---	---	26.160	26.445	26.626	26.716	26.587	26.467	---	---	7
8	---	---	---	---	26.160	26.466	26.630	26.715	26.587	26.463	---	---	8
9	---	---	---	---	26.158	26.482	26.632	26.717	26.585	26.461	---	---	9
10	---	---	---	---	26.158	26.488	26.639	26.709	26.565	26.453	---	---	10
11	---	---	---	---	26.158	26.493	26.643	26.708	26.585	26.443	---	---	11
12	---	---	---	---	26.160	26.503	26.649	26.704	26.585	26.443	---	---	12
13	---	---	---	---	26.160	26.517	26.658	26.698	26.583	26.443	---	---	13
14	---	---	---	---	26.184	26.528	26.672	26.687	26.579	26.437	26.332	---	14
15	---	---	---	---	26.188	26.528	26.678	26.687	26.575	26.437	---	---	15
16	---	---	---	---	26.188	26.537E	26.679	26.682	26.573	26.431	---	---	16
17	---	---	---	---	26.222	26.547	26.679	26.682	26.572	---	---	---	17
18	---	---	---	---	26.228	26.551	26.685	26.682	26.556	---	---	---	18
19	---	---	---	---	26.248	26.558	26.686	26.681	26.552	---	---	---	19
20	---	---	---	---	26.250	26.586	26.688	26.679	26.548	---	---	---	20
21	---	---	---	---	26.276	26.570	26.682	26.679	26.548	---	---	---	21
22	---	---	---	---	26.280	26.581	26.695	26.674	26.546	---	---	---	22
23	---	---	---	26.184	26.296	26.527	26.701	26.672	26.546	---	---	---	23
24	---	---	---	26.184	26.301	26.593	26.701	26.668	26.542	---	---	---	24
25	---	---	---	26.184	26.311	26.598	26.706	26.668	26.540	---	---	---	25
26	---	---	---	26.184	26.321	26.602	26.706	26.662	26.528	---	---	---	26
27	---	---	---	26.184	26.328	26.604	26.706	26.656	26.520	---	---	---	27
28	---	---	---	26.180	26.342	26.609	26.707	26.644	26.516	---	---	---	28
29	---	---	---	26.180	26.348	26.609	26.709	26.630	26.512	---	---	---	29
30	---		---	26.180	26.355	26.609	26.707	26.614	26.512	---	---	---	30
31	---		---		26.367		26.702	26.610		---		---	31
MEAN	---	---	---	---	26.227	26.521	26.667	26.681	26.565	---	---	---	MEAN
MAX	---	---	---	---	26.367	26.609	26.717	26.601	---	---	---	---	MAX
MIN	---	---	---	---	26.158	26.383	26.610	26.610	26.512	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.717 ON AUG 9
MINIMUM DAILY, 26.158 ON MAY 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 26 27 N
LONG 109 18 51 W

E - ESTIMATED

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAC LA RONGE AT LA RONGE - STATION NO 06CB001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	363.931	363.950	363.964	363.979	364.008	364.143	364.192	364.130	364.011	363.870	363.841	363.939	1
2	363.935	363.948	363.964	363.978	364.015	364.153	364.185	364.123	363.996	363.878	363.885	363.939	2
3	363.933	363.948	363.962	363.976	364.014	364.154	364.178	364.120	363.999	363.896	363.870	363.939	3
4	363.938	363.946	363.962	363.976	364.009	364.162	364.127	364.110	364.005	363.902	363.866	363.938	4
5	363.933	363.953	363.966	363.976	364.008	364.167	364.192	364.104	364.004	363.885	363.873	363.945	5
6	363.932	363.953	363.963	363.982	364.008	364.170	364.192	364.102	364.000	363.888	363.878	363.954	6
7	363.928	363.953	363.963	363.977	364.007	364.176	364.159	364.100	364.040	363.895	363.887	363.949	7
8	363.928	363.953	363.969	363.982	364.009	364.182	364.146	364.099	364.004	363.894	363.872	363.951	8
9	363.923	363.953	363.967	363.979	364.015	364.177	364.147	364.107	363.986	363.898	363.875	363.952	9
10	363.925	363.956	363.964	363.980	364.023	364.163	364.163	364.104	363.980	363.905	363.876	363.950	10
11	363.923	363.953	363.968	363.983	364.030	364.176	364.165	364.095	363.974	363.910	363.878	363.952	11
12	363.901	363.954	363.970	363.982	364.034	364.181	364.173	364.101	363.976	363.912	363.881	363.956	12
13	363.924	363.951	363.972	363.985	364.034	364.184	364.173	364.098	363.952	363.903	363.887	363.958	13
14	363.922	363.953	363.971	363.991	364.042	364.181	364.173	364.085	363.956	363.901	363.896	363.962	14
15	363.918	363.954	363.972	363.996	364.045	364.182	364.169	364.103	363.955	363.900	363.902	363.953	15
16	363.920	363.956	363.974	363.989	364.047	364.187	364.159	364.092	363.951	363.935	363.903	363.954	16
17	363.924	363.955	363.972	364.000	364.068	364.205	364.163	364.091	363.943	363.875	363.908	363.955	17
18	363.926	363.956	363.975	364.002	364.077	364.215	364.151	364.093	363.940	363.873	363.914	363.956	18
19	363.926	363.956	363.972	364.004	364.085	364.219	364.161	364.080	363.927	363.856	363.915	363.956	19
20	363.926	363.957	363.969	364.001	364.101	364.222	364.161	364.084	363.941	363.855	363.914	363.963	20
21	363.926	363.954	363.973	364.004	364.099	364.226	364.151	364.093	363.959	363.861	363.915	363.955	21
22	363.931	363.954	363.971	364.003	364.101	364.225	364.136	364.082	363.936	363.855	363.918	363.958	22
23	363.931	363.957	363.972	364.003	364.115	364.221	364.155	364.080	363.912	363.885	363.921	363.956	23
24	363.923	363.957	363.973	364.001	364.118	364.224	364.156	364.062	363.911	363.868	363.918	363.955	24
25	363.935	363.954	363.973	364.006	364.118	364.215	364.161	364.064	363.911	363.882	363.922	363.958	25
26	363.932	363.950	363.973	364.008	364.121	364.220	364.149	364.047	363.893	363.839	363.923	363.963	26
27	363.932	363.949	363.978	364.006	364.126	364.225	364.148	364.055	363.883	363.849	363.925	363.962	27
28	363.940	363.959	363.980	364.001	364.132	364.225	364.143	364.008	363.889	363.842	363.927	363.962	28
29	363.941	363.965	363.979	364.008	364.135	364.227	364.138	363.956	363.887	363.832	363.933	363.963	29
30	363.947		363.978	364.005	364.144	364.186	364.132	363.990	363.893	363.850	363.936	363.964	30
31	363.947		363.979		364.134		364.128	364.011		363.863		363.965	31
MEAN	363.929	363.954	363.971	363.992	364.085	364.193	364.160	364.078	363.954	363.879	363.[illegible]	363.954	MEAN
MAX	363.947	363.965	363.980	364.008	364.144	364.227	364.192	364.130	364.040	363.935	363.936	363.965	MAX
MIN	363.901	363.946	363.962	363.976	364.007	364.143	364.128	363.956	363.883	363.832	363.841	363.938	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN 364.003
MAXIMUM DAILY, 364.227 ON JUN 28
MINIMUM DAILY, 363.832 ON OCT 29
MAXIMUM INSTANTANEOUS,
364.313 AT 22:01 CST ON JUN 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 50 N
LONG 105 18 10 W

REGULATED SINCE 1968

DRAINAGE AREA,
15 500 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAC PELLETIER NEAR VESPER - STATION NO 05HD028

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	828.795E	828.864E	828.877E	828.858	828.866E	828.837E	828.490E	828.458E	828.450	---	1
2	---	---	828.797	828.867	828.877	828.855E	828.863	828.831	828.488E	828.455E	---	---	2
3	---	---	828.797E	828.889E	828.877E	828.852E	828.857E	828.828E	828.438E	828.455E	---	---	3
4	---	---	828.797E	828.892	828.878	828.850	828.851	828.821E	828.484E	828.455E	---	---	4
5	---	---	828.798	828.893E	828.877E	828.860E	828.839E	828.818E	828.482E	828.455E	---	---	5
6	---	---	828.798E	828.894	828.878E	828.870	828.827	828.811E	828.480E	828.455E	---	---	6
7	---	---	828.788	828.899E	828.875	828.870E	828.818E	828.808E	828.478E	828.454E	---	---	7
8	---	---	828.802E	828.903E	828.878E	828.870	828.809E	828.801E	828.478E	828.454E	---	---	8
9	---	---	828.805	828.907	828.875	828.868E	828.799	828.796E	828.474E	828.454E	---	---	9
10	---	---	828.808E	828.912E	828.874E	828.867E	828.795E	828.791E	828.472E	828.454E	---	---	10
11	---	---	828.811E	828.916	828.872	828.866	828.791	828.785E	828.470E	828.454E	---	---	11
12	---	---	828.814	828.918E	828.872E	828.868E	828.785E	828.781E	828.468E	828.454E	---	---	12
13	---	---	828.815E	828.921	828.871E	828.870	828.779	828.778E	828.468E	828.453E	---	---	13
14	---	---	828.816	828.918E	828.871	828.871E	828.769E	828.771E	828.484E	828.453E	---	---	14
15	---	---	828.817E	828.916E	828.874E	828.872	828.769E	828.768E	828.482E	828.453E	---	---	15
16	---	---	828.818	828.914E	828.878	828.878E	828.749	828.761E	828.480E	828.453E	---	---	16
17	---	---	828.823E	828.911E	828.873E	828.885E	828.735E	828.758E	828.458	828.453E	---	---	17
18	---	---	828.828E	828.909E	828.868	828.892	828.721	828.755E	828.458E	828.452E	---	---	18
19	---	---	828.832	828.907E	828.868E	828.892E	828.713E	828.748E	828.458E	828.452E	---	---	19
20	---	828.778	828.842E	828.904E	828.868E	828.892	828.705	828.741E	828.457E	828.452E	---	---	20
21	---	828.780E	828.851	828.902E	828.867	828.890E	828.702E	828.738E	828.457E	828.452E	---	---	21
22	---	828.781E	828.857E	828.900E	828.868E	828.887	828.700E	828.731E	828.457E	828.452E	---	---	22
23	---	828.783E	828.864	828.897E	828.864	828.886E	828.697	828.728E	828.457E	828.452E	---	---	23
24	---	828.785E	828.865E	828.895E	828.863E	828.885E	828.689E	828.721E	828.457E	828.451E	---	---	24
25	---	828.788E	828.867E	828.893	828.862	828.883	828.681	828.718E	828.457E	828.451E	---	---	25
26	---	828.788E	828.869	828.888E	828.862E	828.869	828.675E	828.711E	828.458E	828.451E	---	---	26
27	---	828.790E	828.875	828.884E	828.862E	828.873	828.668E	828.708E	828.458E	828.451E	---	---	27
28	---	828.792E	828.873	828.880E	828.862	828.872E	828.662E	828.701E	828.458E	828.451E	---	---	28
29	---	828.793E	828.876E	828.876	828.861E	828.871	828.656E	828.695	828.458E	828.451E	---	---	29
30	---		828.878	828.876E	828.860	828.869	828.650E	828.694E	828.458E	828.450E	---	---	30
31	---		828.881E		828.859E		828.643E	828.692		828.450E		---	31
MEAN	---	---	828.831	828.900	828.870	828.873	828.750	828.561	828.467	828.453	---	---	MEAN
MAX	---	---	828.881	828.921	828.878	828.892	828.886	828.837	828.490	828.458	---	---	MAX
MIN	---	---	828.795	828.876	828.859	828.850	828.643	828.492	828.458	828.450	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 828.921 ON APR 13
MINIMUM DAILY, 828.450E ON OCT 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 00 35 N
LONG 107 56 00 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ATHABASCA NEAR CRACKINGSTONE POINT - STATION NO 07MC003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	208.367	208.326E	208.230E	208.140E	208.136E	208.594	209.182	209.210	209.056	208.931	208.867	208.795	1
2	208.374	208.322E	208.227E	208.138E	208.140E	208.630	209.107	209.200	209.017	208.922	208.854	208.788	2
3	208.375	208.319E	208.222E	208.138E	208.142E	208.641	209.089	209.195	209.022	208.923E	208.861	208.795	3
4	208.372	208.313E	208.218E	208.134E	208.148E	208.646	209.089	209.187	209.022	208.902A	208.883	208.780	4
5	208.368	208.310E	208.214E	208.132E	208.152E	208.647	209.079	209.184	209.003	208.946	208.859	208.781	5
6	208.371	208.308E	208.212E	208.130E	208.157E	208.633	209.079	209.124	208.972	208.927	208.833	208.785	6
7	208.366	208.306E	208.209E	208.128E	208.162E	208.643	209.093	209.132	208.920	208.922	208.822	208.791	7
8	208.367	208.302E	208.206E	208.127E	208.170E	208.663	209.131	209.155	208.966	208.930	208.831	208.787	8
9	208.375	208.300E	208.202E	208.126E	208.180E	208.698	209.134	209.127	208.976A	208.932A	208.834	208.786	9
10	208.384	208.298E	208.200E	208.125E	208.190E	208.734	209.136	209.151	208.976A	208.901A	208.837	208.792	10
11	208.403	208.296E	208.198E	208.124E	208.200E	208.731	209.146	209.152	208.962	208.890	208.831	208.773	11
12	208.401	208.293E	208.196E	208.123E	208.212E	208.733	209.142	209.104	208.954	208.902	208.817	208.766	12
13	208.398	208.290E	208.196E	208.122E	208.224E	208.759A	209.147	209.068	208.956	208.933	208.805	208.765	13
14	208.391	208.288E	208.193E	208.121E	208.240E	208.792A	209.163	209.077	208.975	208.955	208.816	208.773	14
15	208.382	208.286E	208.190E	208.120E	208.254E	208.811	209.180	209.111	208.972	208.930	208.829	208.775	15
16	208.374	208.280A	208.187E	208.120E	208.270E	208.829	209.181	209.112	208.980	208.840	208.818	208.784	16
17	208.379	208.277E	208.183E	208.120E	208.290E	208.854	209.207	209.103	208.997	208.767	208.798	208.759	17
18	208.374	208.272E	208.180E	208.120E	208.310E	208.893	209.200	209.098	208.987	208.808	208.788	208.784	18
19	208.381	208.270E	208.178E	208.120E	208.325E	208.910	209.201	209.121	208.975	208.877	208.799	208.762	19
20	208.378	208.268E	208.175E	208.120E	208.345E	208.915	209.194	209.110A	208.985A	208.888	208.806	208.756	20
21	208.382	208.265E	208.170E	208.120E	208.362E	208.984	209.209	209.095A	208.942	208.898	208.813	208.784	21
22	208.362E	208.262E	208.168E	208.120E	208.380E	208.980	209.223	209.114	208.901A	208.895	208.799	208.768	22
23	208.359E	208.258E	208.168E	208.121E	208.403A	208.995	209.224	209.114	208.914	208.877	208.811	208.755	23
24	208.356E	208.254E	208.163E	208.122E	208.434	209.009	209.205	209.110	208.915	208.895	208.812	208.747	24
25	208.352E	208.250E	208.160E	208.123E	208.448	209.032	209.205	209.105	208.918A	208.900	208.805	208.740	25
26	208.348E	208.248E	208.158E	208.124E	208.472	209.030	209.210	209.122	208.918	208.897	208.788	208.729	26
27	208.346E	208.242E	208.154E	208.126E	208.501	209.031	209.219	209.088	208.939	208.928	208.782	208.734	27
28	208.338E	208.238E	208.150E	208.128E	208.518	209.048	209.225	209.130	208.943	208.936	208.784	208.732	28
29	208.334E	208.236E	208.148E	208.130E	208.539	209.023	209.223	209.084	208.945	208.889	208.791	208.725	29
30	208.332E		208.145E	208.132E	208.548	209.087	209.216	209.089	208.943	208.883	208.798	208.718	30
31	208.330E		208.142E		208.539		209.210	209.061		208.872		208.711	31
MEAN	208.388	208.282	208.185	208.126	208.303	208.831	209.170	209.123	208.984	208.900	208.819	208.763	MEAN
MAX	208.403	208.326	208.230	208.140	208.548	209.087	209.225	209.210	209.056	208.955	208.867	208.795	MAX
MIN	208.330	208.236	208.142	208.120	208.136	208.594	209.079	209.061	208.901	208.757	208.788	208.711	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 208.655
MAXIMUM DAILY, 209.225 ON JUL 24
MINIMUM DAILY, 208.120E ON APR 15
MAXIMUM INSTANTANEOUS,
209.257 AT 10.28 CST ON JUL 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 22 55 N
LONG 108 52 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE DIEFENBAKER AT GARDINER DAM - STATION NO 05HF003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	550.697	549.932	550.007	550.176	550.577	550.648	551.484	551.744	551.571	551.536	551.420	550.922	1
2	550.655	549.938	550.004A	550.211	550.577	550.627	551.498	551.734	551.569	551.549	551.397	550.932	2
3	550.643	549.936	550.029A	550.254	550.588	550.632	551.526	551.732	551.548	551.550	551.380	550.937	3
4	550.588	549.923	550.035	550.303	550.582	550.643	551.557	551.738	551.544	551.383	551.318	550.924	4
5	550.553	549.921	550.028	550.333	550.581	550.641	551.589	551.734	551.547	551.587	551.279	550.922	5
6	550.513	549.924	550.040	550.355	550.558	550.658	551.635	551.748	551.552	551.589	551.238	550.935	6
7	550.470	549.935	550.035	550.377	550.584	550.681	551.682	551.737	551.513	551.587	551.201	550.931	7
8	550.432	549.941	550.043A	550.389	550.585	550.705	551.712	551.731	551.495	551.581	551.180	550.914	8
9	550.391	549.941	550.050A	550.409	550.574	550.717	551.747	551.738	551.489	551.581	551.127	550.913	9
10	550.348	549.947	550.058A	550.420	550.585	550.756	551.783	551.761	551.483	551.573	551.114	550.895	10
11	550.319	549.948	550.055	550.440	550.545	550.773	551.810	551.748	551.489	551.564	551.073	550.885	11
12	550.297	549.951	550.082	550.445	550.548	550.785	551.826	551.750	551.479	551.583	551.049	550.893	12
13	550.247	549.958	550.080	550.467	550.541	550.788	551.831	551.757	551.488	551.801	551.020	550.880	13
14	550.215	549.958	550.058A	550.486	550.527	550.811	551.819	551.728	551.493	551.588	550.984	550.868	14
15	550.194	549.966	550.048	550.501	550.541	550.833	551.831	551.734	551.498	551.536	550.988	550.831	15
16	550.185	549.969	550.038A	550.513	550.561	550.859	551.822	551.724	551.505	551.582	550.965	550.815	16
17	550.163	549.971	550.030E	550.522	550.588	550.908	551.829	551.737	551.510	551.588	550.970	550.813	17
18	550.117	549.974	550.022	550.528	550.543	550.934	551.814	551.734	551.509	551.582	550.965	550.804	18
19	550.085	549.980	550.022A	550.525	550.532	550.940	551.803	551.733	551.500	551.523	550.977	550.797	19
20	550.068	549.983	550.025	550.533	550.565	550.993	551.814	551.709	551.482	551.543	550.986	550.785	20
21	550.054	549.989	550.016	550.558	550.548	551.036	551.788	551.696	551.483	551.551	550.956	550.756	21
22	550.051	549.986	550.022	550.580	550.532	551.097	551.790	551.694	551.479	551.556	550.981	550.731	22
23	550.051	549.990	550.032A	550.584	550.526	551.144	551.785	551.692	551.503	551.552	550.957	550.707	23
24	550.027	549.993	550.043E	550.576	550.498	551.194	551.780	551.680	551.506	551.530	550.945	550.684	24
25	550.003	549.990	550.054A	550.543	550.509	551.238	551.771	551.681	551.509	551.563	550.921	550.671	25
26	549.983	549.997	550.081A	550.520	550.515	551.288	551.784	551.678	551.480	551.535	550.920	550.667	26
27	549.982	549.994	550.076A	550.521	550.535	551.340	551.782	551.693	551.527	551.533	550.923	550.647	27
28	549.988	549.993	550.101	550.551	550.556	551.377	551.742	551.645	551.531	551.515	550.932	550.625	28
29	549.952	550.005	550.118	550.588	550.581	551.430	551.730	551.630	551.528	551.520	550.923	550.607	29
30	549.938		550.128	550.572	550.583	551.476	551.727	551.592	551.527	551.485	550.924	550.592	30
31	549.944		550.150		550.641		551.758	551.578		551.466		550.573	31
MEAN	550.229	549.963	550.050	550.457	550.556	550.933	551.736	551.710	551.511	551.551	551.084	550.799	MEAN
MAX	550.697	550.005	550.150	550.576	550.641	551.476	551.831	551.761	551.571	551.601	551.420	550.937	MAX
MIN	549.938	549.921	550.004	550.176	550.498	550.627	551.484	551.578	551.489	551.466	550.920	550.573	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 550.884
MAXIMUM DAILY, 551.831 ON JUL 13
MINIMUM DAILY, 549.921 ON FEB 5
MAXIMUM INSTANTANEOUS,
551.899 AT 21:58 CST ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 16 49 N
LONG 105 50 18 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1965

DRAINAGE AREA,
136 000 km²

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAKE DIEFENBAKER AT SASKATCHEWAN LANDING - STATION NO 05HC004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	549.974	550.153	550.598	550.473	551.432	551.733	551.575	551.488	---	---	1
2	---	---	549.987	550.189	550.605	550.567	551.488	551.724	551.539	551.490	---	---	2
3	---	---	549.981	550.233	550.572	550.628	551.507	551.708	551.535	551.517	---	---	3
4	---	---	549.991	550.271	550.590	550.655	551.555	551.696	551.550	551.534	---	---	4
5	---	---	550.005	550.307	550.582	550.674	551.601	551.704	551.533	551.509	---	---	5
6	---	---	549.998	550.319	550.595	550.676	551.645	551.691	551.470	551.530	---	---	6
7	---	---	550.007	550.334	550.580A	550.675	551.650	551.676	551.476	551.537	---	---	7
8	---	---	550.022	550.363	550.551A	550.696	551.688	551.689	551.484	551.529	---	---	8
9	---	---	550.021	550.374	550.520	550.757	551.724	551.711	551.488	551.535	---	---	9
10	---	---	550.030	550.401	550.481	550.759	551.760	551.717	551.488	551.550	---	---	10
11	---	---	550.048	550.407	550.532	550.774	551.800	551.708	551.527	551.558	---	---	11
12	---	---	550.048	550.427	550.528	550.785	551.805	551.714	551.484	551.506	---	---	12
13	---	---	550.046	550.444	550.540	550.817	551.778	551.700	551.471	551.470	---	---	13
14	---	---	550.047	550.468A	550.602	550.824	551.773A	551.701	551.482	551.502	---	---	14
15	---	---	550.045	550.483E	550.557	550.840	551.787	551.722	551.492	551.508	---	---	15
16	---	---	550.038	550.498E	550.505	550.866	551.777	551.712	551.480	551.388	---	---	16
17	---	---	550.024	550.513E	550.427	550.874	551.792	551.690	551.479	551.398	---	---	17
18	---	---	550.011	550.528A	550.497	550.880	551.805	551.681	551.502	551.444	---	---	18
19	---	---	549.998	550.582	550.554	550.901	551.810	551.681	551.482	551.534	---	---	19
20	---	---	549.996	550.645	550.445	551.024	551.763	551.640	551.541	551.497	---	---	20
21	---	---	550.019	550.515	550.458	551.062	551.748	551.642	551.536	551.497	---	---	21
22	---	---	550.012	550.584	550.481	551.088	551.734	551.674	551.537	551.482	---	---	22
23	---	---	550.016	550.535	550.489	551.126	551.757	551.657	551.526	551.508	---	---	23
24	---	---	550.018	550.495	550.473	551.189	551.752	551.643	551.512	551.546	---	---	24
25	---	---	550.033	550.583	550.511	551.238	551.749	551.629	551.490	551.500	---	---	25
26	---	---	550.060	550.603	550.537	551.273	551.746	551.618	551.486	551.503	---	---	26
27	---	---	550.057	550.578	550.536	551.291	551.728	551.549	551.480	551.487	---	---	27
28	---	549.998A	550.077	550.583	550.537	551.371	551.727	551.571	551.479	551.517	---	---	28
29	---	549.962	550.084	550.584	550.584	551.410	551.704	551.484	551.483	551.450	---	---	29
30	---		550.103	550.590	550.584	551.361	551.722	551.559	551.506	551.498A	---	---	30
31	---		550.127		550.478		551.718	551.584		551.498E		---	31
MEAN	---	---	550.030	550.447	550.532	550.923	551.710	551.683	551.504	551.501	---	---	MEAN
MAX	---	---	550.127	550.603	550.605	551.410	551.810	551.733	551.575	551.558	---	---	MAX
MIN	---	---	549.974	550.153	550.427	550.473	551.432	551.484	551.470	551.388	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 551.810 ON JUL 19

MAXIMUM INSTANTANEOUS,
551.877 AT 23:32 CST ON JUL 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 21 N
LONG 107 58 08 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
136 000 km²

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAKE OF THE RIVERS WEST INFLOW - STATION NO 05JD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 0098	0 024	0	0	0 116	0	0	0	---	---	1
2	---	0 B	0 0058	0 016	0	0	0 094	0	0	0	---	---	2
3	---	0 B	0 0068	0 012	0	0	0 075	0	0	0	---	---	3
4	---	0 B	0 0048	0 010	0	0	0 059	0	0	0	---	---	4
5	---	0 B	0 0048	0 007	0	0	0 043	0	0	0	---	---	5
6	---	0 B	0 0048	0 005	0	0	0 028	0	0	0	---	---	6
7	---	0 B	0 B	0 004	0	0	0 018	0	0	0	---	---	7
8	---	0 B	0 B	0 002	0	0	0 009	0	0	0	---	---	8
9	---	0 B	0 B	0	0	0	0 005	0	0	0	---	---	9
10	---	0 B	0 B	0	0	0	0 002	0	0	0	---	---	10
11	---	0 B	0 B	0	0	0	0	0	0	0	---	---	11
12	---	0 B	0 B	0	0	0	0	0	0	0	---	---	12
13	---	0 B	0 B	0	0	0	0	0	0	0	---	---	13
14	---	0 B	0 B	0	0	0	0	0	0	0	---	---	14
15	---	0 B	0 B	0	0	0	0	0	0	0	---	---	15
16	---	0 B	0 B	0	0	0	0	0	0	0	---	---	16
17	---	0 B	0 B	0	0	0	0	0	0	0	---	---	17
18	---	0 B	0 0088	0	0	0	0	0	0	0	---	---	18
19	---	0 B	0 1228	0	0	0	0	0	0	C	---	---	19
20	---	0 B	0 5618	0	0	0 241	0	0	0	0	---	---	20
21	---	0 0018	0 5848	0	0	7 31	0	0	0	0	---	---	21
22	---	0 0068	0 4408	0	0	1 26	0	0	0	6	---	---	22
23	---	0 0048	0 3738	0	0	0 610	0	0	0	0	---	---	23
24	---	0 0028	0 3498	0	0	0 428	0	0	0	0	---	---	24
25	---	0 0018	0 394	0	0	0 406	0	0	0	0	---	---	25
26	---	0 B	0 236	0	0	0 320	0	0	0	0	---	---	26
27	---	0 0118	0 147	0	0	0 247	0	0	0	0	---	---	27
28	---	0 0068	0 103	0	0	0 201	0	0	0	0	---	---	28
29	---	0 0048	0 059	0	0	0 169	0	0	0	0	---	---	29
30	---		0 043	0	0	0 142	0	0	0	0	---	---	30
31	---		0 031		0		0	0		0		---	31
TOTAL	---	0 035	3 182	0 080	D	11 334	0 445	0	0	B	---	---	TOTAL
MEAN	---	0 001	0 112	0 003	D	0 378	0 014	0	0	0	---	---	MEAN
MAX	---	0 011	0 584	0 024	D	7 31	0 116	0	0	0	---	---	MAX
MIN	---	0	0	0	D	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 063
MAXIMUM DAILY, 7 31 ON JUN 21
MINIMUM DAILY, 0B ON MAR 7
MAXIMUM INSTANTANEOUS,
10 8 AT 08 53 CST ON JUN 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 25 N
LONG 105 45 41 W
DRAINAGE AREA, 64 2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 4
FEB	3 02	AUG	0
MAR	301	SEP	0
APR	8 91	OCT	0
MAY	0	NOV	---
JUN	979	DEC	---

TOTAL DISCHARGE, 1 330 dam³

LANIGAN CREEK ABOVE BOULDER LAKE - STATION NO 05JJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0898	0 134	0	0	0	0	0	---	---	1
2	---	---	0 B	0 088	0 120	0	0	0	0	0	---	---	2
3	---	---	0 B	0 076	0 108	0	0	0	0	0	---	---	3
4	---	---	0 B	0 067	0 101	0	0	0	0	0	---	---	4
5	---	---	0 B	0 063	0 093	0	0	0	0	0	---	---	5
6	---	---	0 B	0 058	0 084	0	0	0	0	0	---	---	6
7	---	---	0 B	0 055	0 076	0	0	0	0	0	---	---	7
8	---	---	0 B	0 042	0 068	0	0	0	0	0	---	---	8
9	---	---	0 B	0 036	0 056	0	0	0	0	0	---	---	9
10	---	---	0 B	0 037	0 080	0	0	0	0	0	---	---	10
11	---	---	0 B	0 032	0 054	0	0	0	0	0	---	---	11
12	---	---	0 B	0 029	0 057	0	0	0	0	0	---	---	12
13	---	---	0 B	0 024	0 054	0	0	0	0	0	---	---	13
14	---	---	0 B	0 022	0 044	0	0	0	0	0	---	---	14
15	---	---	0 B	0 033	0 021	0	0	0	0	0	---	---	15
16	---	---	0 B	0 085	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 143	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0 187	0 018	0	0	0	0	0	---	---	18
19	---	---	0 B	0 204	0 034	0	0	0	0	0	---	---	19
20	---	---	0 B	0 202	0 028	0	0	0	0	0	---	---	20
21	---	---	0 B	0 187	0 013	0	0	0	0	0	---	---	21
22	---	---	0 B	0 175	0 009	0	0	0	0	0	---	---	22
23	---	---	0 0018	0 171	0 006	0	0	0	0	0	---	---	23
24	---	---	0 0438	0 172	0 011	0	0	0	0	0	---	---	24
25	---	---	0 1098	0 173	0 005	0	0	0	0	0	---	---	25
26	---	---	0 0418	0 173	0 003	0	0	0	0	0	---	---	26
27	---	---	0 0088	0 174	0 003	0	0	0	0	0	---	---	27
28	---	---	0 0058	0 148	0 002	0	0	0	0	0	---	---	28
29	---	---	0 0418	0 140	0 001	0	0	0	0	0	---	---	29
30	---		0 1068	0 140	0	0	0	0	0	0	---	---	30
31	---		0 0848		0		0	0		0		---	31
TOTAL	---	---	0 438	3 223	1 261	0	B	B	0	B	---	---	TOTAL
MEAN	---	---	0 014	0 107	0 041	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 109	0 204	0 134	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0 022	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 020
MAXIMUM DAILY, 0 204 ON APR 19
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 251 AT 13 10 CST ON APR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 55 N
LONG 105 14 15 W
DRAINAGE AREA, 2 360 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	37 8	SEP	0
APR	278	OCT	0
MAY	109	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 426 dam³

LANIGAN CREEK NEAR LANIGAN - STATION NO. 05JJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0038	0.021	0.012	0.001	0	0	0	---	---	1
2	---	---	0 B	0.1008	0.018	0.009	0	0	0	0	---	---	2
3	---	---	0 B	0.4248	0.016	0.007	0	0	0	0	---	---	3
4	---	---	0 B	0.461	0.012	0.006	0	0	0	0	---	---	4
5	---	---	0 B	0.547	0.010	0.005	0	0	0	0	---	---	5
6	---	---	0 B	0.593	0.008	0.005	0	0	0	0	---	---	6
7	---	---	0 B	0.543	0.007	0.008	0	0	0	0	---	---	7
8	---	---	0 B	0.507	0.006	0.010	0	0	0	0	---	---	8
9	---	---	0 B	0.484	0.006	0.011	0	0	0	0	---	---	9
10	---	---	0 B	0.481	0.007	0.010	0	0	0	0	---	---	10
11	---	---	0 B	0.445	0.007	0.008	0	0	0	0	---	---	11
12	---	---	0 B	0.384	0.008	0.007	0	0	0	0	---	---	12
13	---	---	0 B	0.340	0.007	0.006	0	0	0	0	---	---	13
14	---	---	0 B	0.259	0.007	0.005	0	0	0	0	---	---	14
15	---	---	0 B	0.197	0.007	0.005	0	0	0	0	---	---	15
16	---	---	0 B	0.148	0.007	0.005	0	0	0	0	---	---	16
17	---	---	0 B	0.124	0.016	0.005	0	0	0	0	---	---	17
18	---	---	0 B	0.102	0.019	0.004	0	0	0	0	---	---	18
19	---	---	0 B	0.090	0.019	0.004	0	0	0	0	---	---	19
20	---	---	0 B	0.084	0.015	0.004	0	0	0	0	---	---	20
21	---	---	0 B	0.077	0.014	0.004	0	0	0	0	---	---	21
22	---	---	0 B	0.070	0.012	0.005	0	0	0	0	---	---	22
23	---	---	0 B	0.060	0.010	0.004	0	0	0	0	---	---	23
24	---	---	0 0028	0.030	0.012	0.004	0	0	0	0	---	---	24
25	---	---	0 0208	0.029	0.014	0.004	0	0	0	0	---	---	25
26	---	---	0 0358	0.060	0.011	0.003	0	0	0	0	---	---	26
27	---	---	0 0208	0.056	0.008	0.002	0	0	0	0	---	---	27
28	---	---	0 0108	0.035	0.008	0.002	0	0	0	0	---	---	28
29	---	---	0 0078	0.029	0.007	0.001	0	0	0	0	---	---	29
30	---		0 0058	0.025	0.007	0.001	0	0	0	0	---	---	30
31	---		0 0048		0.009		0	0		0		---	31
TOTAL	---	---	0.103	5.787	0.335	0.167	0.001	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0.226	0.011	0.006	0	0	0	0	---	---	MEAN
MAX	---	---	0.035	0.593	0.021	0.012	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0.006	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 0.593 ON APR 6
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.630 AT 01 13 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 50 16 N
LONG 104 58 52 W
DRAINAGE AREA, 588 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	8.90	SEP	0
APR	586	OCT	0
MAY	28.9	NOV	---
JUN	14.4	DEC	---

TOTAL DISCHARGE, 638 dam³

LARSEN RESERVOIR NEAR RADVILLE - STATION NO. 05NA005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	630.160E	630.160A	630.212E	630.259	630.170	630.037	629.910	629.666	629.428	628.674	627.946E	627.736E	1
2	---	---	630.213E	630.258	630.169	630.029	629.904	629.660	629.420	628.672	---	---	2
3	---	---	630.214E	630.258	630.167	630.024	629.899	629.656	629.412	628.669	---	---	3
4	---	---	630.215E	630.256	630.167	630.018	629.890	629.650	629.404	628.665	---	---	4
5	630.160A	---	630.216E	630.255	630.166	630.013	629.886	629.645	629.399	628.664	---	627.728A	5
6	---	---	630.217E	630.255	630.162	630.010	629.878	629.639	629.393	628.663	---	---	6
7	---	---	630.218E	630.254	630.159	630.008	629.870	629.634	629.392	628.661	627.946A	---	7
8	---	---	630.219E	630.251	630.156	630.006	629.863	629.627	629.393	628.658	---	---	8
9	---	---	630.220E	630.249	630.153	630.002	629.852	629.618	629.393	628.654	---	---	9
10	---	---	630.221E	630.250	630.150	629.998	629.845	629.611	629.358	628.654	---	---	10
11	---	---	630.222E	630.252	630.145	629.997	629.838	629.604	629.197	628.659	---	---	11
12	---	---	630.223E	630.251	630.142	630.004	629.831	629.600	629.021	628.657	---	---	12
13	---	---	630.224E	630.249	630.139	630.001	629.822	629.595	628.836	628.653	---	---	13
14	---	---	630.225E	630.247	630.130	629.997	629.812	629.590	628.695	628.648	---	---	14
15	---	---	630.226E	630.243	630.123	629.994	629.802	629.577	628.690	628.648	---	---	15
16	---	---	630.227E	630.239	630.120	629.993	629.794	629.563	628.686	628.654	---	---	16
17	---	---	630.228E	630.234	630.118	629.989	629.785	629.551	628.681	628.656	---	---	17
18	---	---	630.229E	630.229	630.113	629.980	629.776	629.542	628.676	628.654	---	---	18
19	---	---	630.230E	630.225	630.108	629.976	629.767	629.532	628.670	628.656	---	---	19
20	---	---	630.233E	630.220	630.105	629.975	629.759	629.526	628.663	628.666	---	---	20
21	---	---	630.238A	630.214	630.102	629.978	629.753	629.517	628.672	628.665	---	---	21
22	---	---	630.239	630.209	630.098	629.978	629.741	629.508	628.675	628.622	---	---	22
23	---	---	630.245	630.204	630.094	629.976	629.730	629.502	628.675	628.462	---	---	23
24	---	---	630.262	630.200	630.089	629.969	629.724	629.495	628.677	628.461	---	---	24
25	---	---	630.257	630.196	630.085	629.964	629.718	629.490	628.676	628.389	---	---	25
26	---	---	630.257	630.192	630.080	629.957	629.711	629.484	628.675	628.188	---	---	26
27	---	---	630.257	630.188	630.073	629.948	629.703	629.473	628.676	627.956E	---	---	27
28	---	630.210A	630.257	630.182	630.069	629.942	629.690	629.460	628.676	627.946E	---	---	28
29	---	630.211E	630.258	630.176	630.063	629.929	629.680	629.447	628.675	627.946E	---	---	29
30	---		630.259	630.172	630.058	629.919	629.676	629.437	628.675	627.946E	627.738E	---	30
31	630.160E		630.260		630.054		629.671	629.433		627.946E		627.682E	31
MEAN	---	---	630.233	630.229	630.120	629.987	629.793	629.559	628.952	628.508	---	---	MEAN
MAX	---	---	630.260	630.259	630.170	630.037	629.910	629.666	629.428	628.674	---	---	MAX
MIN	---	---	630.212	630.172	630.054	629.919	629.671	629.433	628.663	627.946	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 630.260 ON MAR 31
MINIMUM DAILY, 627.682E ON DEC 31
MAXIMUM INSTANTANEOUS,
630.261 AT 18:46 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 104 16 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAST MOUNTAIN LAKE AT ROWAN'S RAVINE - STATION NO. 05JH004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490.118	490.085	490.071	490.123	490.122	490.085	490.010	489.898	489.729	489.676	489.674	489.673	1
2	490.118	490.092	490.070	490.128	490.116	490.068	490.016	489.896	489.733	489.681	489.664	489.674	2
3	490.118	490.092	490.069	490.134	490.112	490.089	490.009	489.898	489.732	489.678	489.659	489.673	3
4	490.115	490.089	490.070	490.142	490.120	490.052	490.002	489.897	489.716	489.670	489.667	489.675	4
5	490.115	490.084	490.066	490.148	490.129	490.053	490.000	489.899	489.700	489.667	489.668	489.671	5
6	490.112	490.086	490.065	490.151	490.123	490.057	489.973	489.894	489.706	489.674	489.656	489.674	6
7	490.111	490.085	490.066	490.151	490.115	490.063	489.968	489.890	489.710	489.684	489.655	489.678	7
8	490.110	490.086	490.065	490.152	490.106	490.062	489.984	489.886	489.714	489.657	489.664	489.677	8
9	490.107	490.091	490.062	490.155	490.083	490.057	489.977	489.886	489.703	489.655	489.664	489.676	9
10	490.106	490.090	490.064	490.160	490.119	490.053	489.973	489.860	489.694	489.653	489.661	489.677	10
11	490.106	490.088	490.060	490.164	490.108	490.050	489.970	489.870	489.688	489.656	489.665	489.678	11
12	490.105	490.083	490.060	490.165	490.112	490.054	489.970	489.841	489.706	489.667	489.666	489.674	12
13	490.106	490.085	490.060	490.165	490.114	490.048	489.967	489.871	489.698	489.653	489.667	489.677	13
14	490.103	490.084	490.063	490.165	490.094	490.040	489.961	489.874	489.695	489.653	489.667	489.676	14
15	490.102	490.087	490.057	490.165	490.080	490.047	489.944	489.843	489.686	489.653	489.663	489.679	15
16	490.102	490.085	490.054	490.166	490.108	490.049	489.950	489.852	489.682	489.696	489.665	489.677	16
17	490.097	490.084	490.053	490.169	490.112	490.054	489.928	489.841	489.687	489.693	489.665	489.676	17
18	490.096	490.082	490.054	490.169	490.116	490.047	489.934	489.834	489.686	489.667	489.665	489.676	18
19	490.095	490.083	490.053	490.165	490.113	490.046	489.923	489.841	489.696	489.697	489.663	489.681	19
20	490.093	490.082	490.053	490.161	490.099	490.045	489.917	489.835	489.676	489.692	489.665	489.681	20
21	490.095	490.083	490.051	490.154	490.108	490.057	489.918	489.827	489.685	489.685	489.667	489.686	21
22	490.095	490.082	490.048	490.153	490.108	490.051	489.910	489.805	489.749	489.685	489.664	489.681	22
23	490.094	490.082	490.052	490.158	490.098	490.051	489.899	489.799	489.706	489.681	489.665	489.680	23
24	490.095	490.080	490.058	490.157	490.113	490.046	489.894	489.807	489.687	489.694	489.667	489.682	24
25	490.094	490.077	490.071	490.165	490.091	490.055	489.895	489.800	489.694	489.640	489.672	489.683	25
26	490.093	490.075	490.078	490.173	490.092	490.048	489.885	489.797	489.695	489.695	489.674	489.687	26
27	490.093	490.075	490.084	490.193	490.089	490.037	489.874	489.785	489.693	489.696	489.671	489.691	27
28	490.095	490.073	490.091	490.149	490.087	490.036	489.885	489.782	489.683	489.676	489.673	489.691	28
29	490.094	490.071	490.098	490.125	490.082	490.018	489.880	489.774	489.682	489.677	489.671	489.690	29
30	490.092		490.107	490.126	490.084	490.020	479.904	489.752	489.676	489.695	489.671	489.691	30
31	490.091		490.114		490.075		488.900	489.740		489.683		489.692	31
MEAN	490.102	490.084	490.067	490.155	490.104	490.049	489.943	489.842	489.700	489.675	489.667	489.680	MEAN
MAX	490.118	490.095	490.114	490.193	490.128	490.068	490.016	489.899	489.749	489.698	489.674	489.692	MAX
MIN	490.091	490.071	490.048	490.123	490.075	490.018	489.868	489.740	489.676	489.640	489.661	489.671	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MEAN, 489.922
MAXIMUM DAILY, 490.193 ON APR 27
MINIMUM DAILY, 489.640 ON OCT 25
MAXIMUM INSTANTANEOUS,
490.252 AT 11 02 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 59 52 N
LONG 105 11 08 W

REGULATED

DRAINAGE AREA,
14 600 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

LAWRIE CREEK NEAR INSINGER - STATION NO. 05MB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.082B	0.071	0.008	0.002	0	0	0	---	---	1
2	---	---	0 B	0.058B	0.003	0.007	0.003	0	0	0	---	---	2
3	---	---	0 B	0.056B	0.003	0.005	0.003	0	0	0	---	---	3
4	---	---	0 B	0.144B	0.004	0.005	0.003	0	0	0	---	---	4
5	---	---	0 B	0.155B	0.005	0.004	0.004	0	0	0	---	---	5
6	---	---	0 B	0.057B	0.013	0.003	0.003	0	0	0	---	---	6
7	---	---	0 B	0.010B	0.001	0.003	0.003	0	0	0	---	---	7
8	---	---	0 B	0.029B	0.001	0.003	0.004	0	0	0	---	---	8
9	---	---	0 B	0.116B	0.001	0.002	0.004	0	0	0	---	---	9
10	---	---	0 B	0.048B	0.023	0.002	0.004	0	0	0	---	---	10
11	---	---	0 B	0.043B	0.005	0.003	0.004	0	0	0	---	---	11
12	---	---	0 B	0.029B	0.001	0.004	0.003	0	0	0	---	---	12
13	---	---	0 B	0.024B	0.001	0.005	0.003	0	0	0	---	---	13
14	---	---	0 B	0.022B	0.001	0.005	0.003	0	0	0	---	---	14
15	---	---	0 B	0.021B	0.001	0.006	0.003	0	0	0	---	---	15
16	---	---	0 B	0.033B	0.001	0.005	0.002	0	0	0.002	---	---	16
17	---	---	0 B	0.053	0.001	0.004	0.001	0	0	0	---	---	17
18	---	---	0 B	0.010	0.001	0.005	0.001	0	0	0	---	---	18
19	---	---	0 B	0.069	0.001	0.005	0	0	0	0	---	---	19
20	---	---	0 B	0.030	0.001	0.005	0	0	0	0	---	---	20
21	---	---	0.002B	0.039	0.001	0.005	0	0	0	0	---	---	21
22	---	---	0.005B	0.012	0.006	0.004	0	0	0	0	---	---	22
23	---	---	0.010B	0.006	0.001	0.002	0	0	0	0	---	---	23
24	---	---	0.022B	0.017	0.001	0.002	0.002	0	0	0	---	---	24
25	---	---	0.044B	0.010	0.001	0.001	0	0	0	0	---	---	25
26	---	---	0.070B	0.010	0.001	0.001	0	0	0	0	---	---	26
27	---	---	0.083B	0.011	0.003	0.002	0	0	0	0	---	---	27
28	---	---	0.158B	0.007	0.005	0.002	0	0	0	0	---	---	28
29	---	---	0.228B	0.022	0.006	0.002	0.002	0	0	0 B	---	---	29
30	---		0.121B	0.281	0.006	0.002	0.002	0	0	0 B	---	---	30
31	---		0.108B		0.008		0.001	0		0 B	---	---	31
TOTAL	---	---	0.851	1.508	0.178	0.113	0.060	0	0	0.002	---	---	TOTAL
MEAN	---	---	0.027	0.050	0.006	0.004	0.002	0	0	0	---	---	MEAN
MAX	---	---	0.228	0.281	0.071	0.008	0.004	0	0	0.002	---	---	MAX
MIN	---	---	0	0.006	0.001	0.001	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.011
MAXIMUM DAILY, 0.281 ON APR 30
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.23 AT 15:43 CST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 17 N
LONG 103 01 10 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5.18
FEB	---	AUG	0
MAR	73.5	SEP	0
APR	130	OCT	0.17
MAY	15.4	NOV	---
JUN	9.75	DEC	---

TOTAL DISCHARGE, 234 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS DUE TO THE REMOVAL OF A LARGE BEAVER DAM UPSTREAM OF THE GAUGE

LEATHER RIVER NEAR STAR CITY - STATION NO 05KB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1478	0.011	0.328	0.502	0	0	0	---	---	1
2	---	---	0 B	0.2418	0.013	0.295	0.402	0	0	0	---	---	2
3	---	---	0 B	0.8518	0.007	0.210	0.310	0	0	0	---	---	3
4	---	---	0 B	0.8078	0.006	0.124	0.212	0	0	0	---	---	4
5	---	---	0 B	1.29 B	0.043	0.122	0.092	0	0	0	---	---	5
6	---	---	0 B	1.41 B	0.085	0.142	0.018	0	0	0	---	---	6
7	---	---	0 B	1.38 B	0.068	0.593	0.020	0	0	0	---	---	7
8	---	---	0 B	1.04 B	0.068	0.892	0.013	0	0	0	---	---	8
9	---	---	0 B	0.885	0.085	0.731	0.003	0	0	0	---	---	9
10	---	---	0 B	0.733	0.215	0.682	0	0	0	0	---	---	10
11	---	---	0 B	0.637	0.328	0.629	0	0	0	0	---	---	11
12	---	---	0 B	0.527	0.368	0.548	0	0	0	0	---	---	12
13	---	---	0 B	0.355	0.381	0.480	0	0	0	0	---	---	13
14	---	---	0 B	0.214	0.331	0.478	0	0	0	0	---	---	14
15	---	---	0 B	0.119	0.285	0.460	0	0	0	0	---	---	15
16	---	---	0 B	0.080	0.218	0.44*	0	0	0	0	---	---	16
17	---	---	0 B	0.007	0.517	0.400	0	0	0	0	---	---	17
18	---	---	0 B	0.002	0.734	0.350	0	0	0	0	---	---	18
19	---	---	0 B	0.002	0.888	0.357	0	0	0	0	---	---	19
20	---	---	0 B	0.002	0.801	0.415	0	0	0	0	---	---	20
21	---	---	0 B	0.002	0.587	0.492	0	0	0	0	---	---	21
22	---	---	0 B	0.002	0.531	0.464	0	0	0	0	---	---	22
23	---	---	0 B	0.002	0.500	0.420	0	0	0	0	---	---	23
24	---	---	0 B	0.008	0.578	0.364	0	0	0	0	---	---	24
25	---	---	0 B	0.008	0.610	0.325	0	0	0	0	---	---	25
26	---	---	0 B	0.007	0.511	0.242	0	0	0	08	---	---	26
27	---	---	0 B	0.003	0.488	0.188	0	0	0	08	---	---	27
28	---	---	0 B	0.006	0.455	0.118	0	0	0	08	---	---	28
29	---	---	0 0018	0.009	0.471	0.083	0	0	0	08	---	---	29
30	---		0 1968	0.008	0.386	0.177	0	0	0	08	---	---	30
31	---		0 1118		0.333		0	0		08		---	31
TOTAL	---	---	0 308	10.564	10.463	11.573	1.572	0	0	0	---	---	TOTAL
MEAN	---	---	0 010	0.352	0.338	0.386	0.051	0	0	0	---	---	MEAN
MAX	---	---	0 196	1.41	0.734	0.892	0.502	0	0	0	---	---	MAX
MIN	---	---	0	0.002	0.006	0.083	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.141
MAXIMUM DAILY, 1.418 ON APR 6
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
1.738 AT 01 53 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 50 32 N
LONG 104 14 24 W
DRAINAGE AREA, 185 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	135
FEB	---	AUG	0
MAR	26 6	SEP	0
APR	913	OCT	0
MAY	904	NOV	---
JUN	1 000	DEC	---

TOTAL DISCHARGE, 2 980 dam³

LENORE LAKE NEAR MIDDLE LAKE - STATION NO 05KA011

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	524.963	524.949	---	524.840	---	---	---	3
4	---	---	---	---	---	524.959	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	524.819	---	---	---	---	5
6	---	---	---	---	---	---	---	524.813	---	524.629	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	525.001	---	---	---	---	---	---	8
9	---	---	---	---	---	---	524.916	524.794	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	524.985	---	---	524.818	---	---	---	11
12	---	---	---	---	---	---	---	524.766	---	---	---	---	12
13	---	---	---	---	---	---	---	---	524.817	524.622	---	---	13
14	---	---	---	---	---	524.983	---	---	---	---	---	---	14
15	---	---	---	---	524.949	---	524.883	---	---	---	---	---	15
16	---	---	---	---	524.955	---	---	524.748	524.816	---	---	---	16
17	---	---	---	---	---	---	524.885	---	---	524.839	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	524.981	---	---	524.734	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	524.649	---	---	20
21	---	---	---	---	---	---	---	---	---	524.660	524.691	---	21
22	---	---	---	---	---	---	524.856	---	---	---	---	---	22
23	---	---	---	---	---	---	---	524.712	524.623	---	---	---	23
24	---	---	---	---	---	524.989	524.854	524.709	---	---	---	---	24
25	---	---	---	---	524.987	---	524.854	---	---	---	---	---	25
26	---	---	---	---	524.987	524.985	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	524.958	---	524.689	---	---	---	---	29
30	---		---	---	524.979	---	---	---	524.648	---	---	---	30
31	---		---		---		524.820	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 33 N
LONG 105 00 52 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEWIS CREEK NEAR IMPERIAL - STATION NO 05JH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.025	0	0	0	0	0	0	---	---	1
2	---	---	0	0.016	0	0	0	0	0	0	---	---	2
3	---	---	0	0.013	0	0	0	0	0	0	---	---	3
4	---	---	0	0.010	0	0	0	0	0	0	---	---	4
5	---	---	0	0.008	0	0	0	0	0	0	---	---	5
6	---	---	0	0.005	0	0	0	0	0	0	---	---	6
7	---	---	0	0.001	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0.010	0	0	0	0	0	0	0	---	---	29
30	---		0.0558	0	0	0	0	0	0	0	---	---	30
31	---		0.0378		0		0	0		0		---	31
TOTAL	---	---	0.102	0.080	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.003	0.003	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.055	0.025	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.055B ON MAR 30
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.067B AT 00:11 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 18 02 N
LONG 105 22 52 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	6.81	SEP	0
APR	6.91	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 15.7 dam³

LIGHTNING CREEK NEAR CARNDUFF - STATION NO 05NF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.009B	0.034	0.001	0	0	0	0	---	---	1
2	---	---	0 B	0.005B	0.049	0	0	0	0	0	---	---	2
3	---	---	0 B	0.010B	0.032	0	0	0	0	0	---	---	3
4	---	---	0 B	0.007	0.030	0	0	0	0	0	---	---	4
5	---	---	0 B	0.007	0.027	0	0	0	0	0	---	---	5
6	---	---	0 B	0.007	0.018	0	0	0	0	0	---	---	6
7	---	---	0 B	0.008	0.012	0	0	0	0	0	---	---	7
8	---	---	0 B	0.008	0.012	0	0	0	0	0	---	---	8
9	---	---	0 B	0.008	0.010	0	0	0	0	0	---	---	9
10	---	---	0 B	0.009	0.009	0	0	0	0	0	---	---	10
11	---	---	0 B	0.010	0.008	0	0	0	0	0	---	---	11
12	---	---	0 B	0.012	0.003	0	0	0	0	0	---	---	12
13	---	---	0 B	0.020	0.004	0	0	0	0	0	---	---	13
14	---	---	0 B	0.015	0.004	0	0	0	0	0	---	---	14
15	---	---	0 B	0.010	0.003	0	0	0	0	0	---	---	15
16	---	---	0 B	0.008	0.002	0	0	0	0	0	---	---	16
17	---	---	0 B	0.007	0.001	0	0	0	0	0	---	---	17
18	---	---	0 B	0.006	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.005	0	0	0	0	0	0	---	---	19
20	---	---	0.003B	0.005	0	0	0	0	0	0	---	---	20
21	---	---	0.032B	0.005	0.001	0.006	0	0	0	0	---	---	21
22	---	---	0.085B	0.005	0.002	0.005	0	0	0	0	---	---	22
23	---	---	0.215B	0.005	0.001	0.005	0	0	0	0	---	---	23
24	---	---	0.165B	0.005	0.001	0.006	0	0	0	0	---	---	24
25	---	---	0.078B	0.008	0.002	0.005	0	0	0	0	---	---	25
26	---	---	0.028B	0.006	0.002	0.005	0	0	0	0	---	---	26
27	---	---	0.021B	0.005	0.004	0.004	0	0	0	0	---	---	27
28	---	---	0.038B	0.003B	0.004	0.003	0	0	0	0	---	---	28
29	---	---	0.026B	0.004B	0.004	0.002	0	0	0	0	---	---	29
30	---		0.013B	0.055B	0.002	0.001	0	0	0	0	---	---	30
31	---		0.008B		0.001		0	0		0		---	31
TOTAL	---	---	0.712	0.276	0.280	0.044	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.023	0.009	0.009	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.215	0.055	0.049	0.006	0	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.215B ON MAR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.271B AT 17:51 CST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 17 N
LONG 101 43 04 W
DRAINAGE AREA, 740 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	61.5	SEP	0
APR	23.8	OCT	0
MAY	24.2	NOV	---
JUN	3.80	DEC	---

TOTAL DISCHARGE, 113 dam³

LILIAN RIVER NEAR LADY LAKE - STATION NO 05MC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.020B	1.21 B	0.142	0.209	0.111	0.035	0.005	0.016	0.008B	---	1
2	---	---	0.020B	1.70 B	0.127	0.269	0.103	0.035	0.008	0.014	0.008B	---	2
3	---	---	0.020B	2.51 B	0.127	0.269	0.072	0.035	0.008	0.011	0.008B	---	3
4	---	---	0.020B	3.35 B	0.139	0.304	0.058	0.035	0.008	0.011	0.008B	---	4
5	---	---	0.020B	2.85 B	0.108	0.181	0.052	0.039	0.004	0.011	0.008B	---	5
6	---	---	0.020B	2.70 B	0.134	0.179	0.039	0.035	0.003	0.013	0.008B	---	6
7	---	---	0.019B	2.53 B	0.142	0.790	0.035	0.039	0.007	0.013	---	---	7
8	---	---	0.019B	2.13 B	0.139	0.868	0.027	0.035	0.005	0.011	---	---	8
9	---	---	0.019B	1.95 B	0.121	1.11	0.031	0.030	0.005	0.010	---	---	9
10	---	---	0.019B	1.94 B	0.199	0.965	0.023	0.031	0.006	0.011	---	---	10
11	---	---	0.018B	1.55 B	0.282	0.896	0.020	0.034	0.005	0.013	---	---	11
12	---	---	0.018B	1.38	0.280	0.827	0.020	0.031	0.008	0.014	---	---	12
13	---	---	0.018B	1.17	0.306	0.425	0.021	0.028	0.010	0.018	---	---	13
14	---	---	0.018B	1.05	0.232	0.353	0.023	0.029	0.011	0.015	---	---	14
15	---	---	0.018B	0.897	0.184	0.373	0.018	0.021	0.012	0.011	---	---	15
16	---	---	0.017B	0.791	0.185	0.375	0.020	0.023	0.013	0.008	---	---	16
17	---	---	0.017B	0.686	0.281	0.515	0.015	0.023	0.012	0.048	---	---	17
18	---	---	0.017B	0.589	0.306	0.596	0.018	0.011	0.017	0.095	---	---	18
19	---	---	0.017B	0.492	0.306	0.611	0.013	0.007	0.018	0.076	---	---	19
20	---	---	0.017B	0.273	0.387	0.568	0.012	0.018	0.010	0.483	---	---	20
21	---	---	0.016B	0.172	0.432	0.512	0.017	0.018	0.010	0.501	---	---	21
22	---	---	0.018B	0.128	0.370	0.487	0.021	0.008	0.021	0.344	---	---	22
23	---	---	0.021B	0.119	0.342	0.498	0.020	0.005	0.019	0.254	---	---	23
24	---	---	0.092B	0.144	0.850	0.492	0.020	0.007	0.027	0.205	---	---	24
25	---	---	0.130B	0.243	0.890	0.388	0.021	0.008	0.023	0.187	---	---	25
26	---	---	0.337B	0.307	0.868	0.328	0.024	0.008	0.015	0.148	---	---	26
27	---	---	0.388B	0.268	0.886	0.287	0.022	0.010	0.015	0.1348	---	---	27
28	---	---	0.395B	0.227	0.894	0.247	0.021	0.012	0.017	0.1138	---	---	28
29	---	0.020B	0.682B	0.207	0.446	0.189	0.021	0.010	0.021	0.1058	---	---	29
30	---	---	1.02 B	0.177	0.384	0.169	0.025	0.005	0.019	0.0948	---	---	30
31	---		1.02 B		0.340		0.023	0.005		0.0898		---	31
TOTAL	---	---	4.498	33.692	9.489	13.830	0.982	0.842	0.355	3.024	---	---	TOTAL
MEAN	---	---	0.145	1.12	0.306	0.461	0.031	0.021	0.012	0.098	---	---	MEAN
MAX	---	---	1.02	3.35	0.890	1.11	0.111	0.039	0.027	0.501	---	---	MAX
MIN	---	---	0.016	0.119	0.108	0.169	0.012	0.005	0.003	0.008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.271
MAXIMUM DAILY, 3.358 ON APR 4
MINIMUM DAILY, 0.003 ON SEP 6
MAXIMUM INSTANTANEOUS,
3.868 AT 06:24 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 01 22 N
LONG 102 37 30 W
DRAINAGE AREA, 228 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	63.1
FEB	---	AUG	55.5
MAR	269	SEP	30.7
APR	2 910	OCT	261
MAY	821	NOV	---
JUN	1 190	DEC	---

TOTAL DISCHARGE, 5 740 dam³

LITTLE BEAR LAKE ON THE HANSON LAKE ROAD - STATION NO 05KF002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	320.286	---	---	320.044	---	---	---	1
2	---	---	---	---	---	---	---	320.175	---	---	---	---	2
3	---	---	---	---	---	320.281	---	320.172	320.038	---	---	---	3
4	---	---	---	---	---	---	320.228	---	320.038	---	---	---	4
5	---	---	---	---	---	---	320.226	320.163	---	---	---	---	5
6	---	---	---	---	---	320.261	---	320.163	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	320.258	320.200	---	---	---	---	---	8
9	---	---	---	---	---	---	---	320.144	---	---	---	---	9
10	---	---	---	---	---	320.258	---	---	---	---	---	---	10
11	---	---	---	---	---	---	320.175	320.130	---	---	---	---	11
12	---	---	---	---	---	---	320.175	320.125	---	---	---	---	12
13	---	---	---	---	---	320.258	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	320.254	---	---	---	---	---	---	15
16	---	---	---	---	320.223	---	320.215	320.105	---	320.102	---	---	16
17	---	---	---	---	---	320.256	320.215	---	---	---	---	---	17
18	---	---	---	---	---	320.306	---	320.095	320.045	320.105	---	---	18
19	---	---	---	---	320.282	---	320.205	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	320.138	---	22
23	---	---	---	---	---	---	---	320.080	---	---	---	---	23
24	---	---	---	---	---	320.306	---	---	---	320.109	---	---	24
25	---	---	---	---	320.326	---	---	320.063	320.052	---	---	---	25
26	---	---	---	---	---	---	320.195	---	---	---	---	---	26
27	---	---	---	---	320.321	---	---	320.075	---	---	---	---	27
28	---	---	---	---	---	---	320.189	---	---	---	---	---	28
29	---	---	---	---	---	---	320.187	---	320.061	---	---	---	29
30	---		---	---	---	320.250	320.183	320.032	320.060	---	---	---	30
31	---		---		320.296		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 17 39 N
LONG 104 40 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE BRIDGE CREEK NEAR ARMLEY - STATION NO 05KB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0	0 B	0.021	0.254	0.058	0	0	0	---	---	1
2	---	---	0.0	0 B	0.015	0.235	0.049	0	0	0	---	---	2
3	---	---	0.0	0 B	0.008	0.218	0.040	0	0	0	---	---	3
4	---	---	0.0	0 B	0.003	0.204	0.030	0	0	0	---	---	4
5	---	---	0.0	0.0330	0.001	0.193	0.030	0	0	0	---	---	5
6	---	---	0.0	1.55 B	0.117	0.180	0.026	0	0	0	---	---	6
7	---	---	0.0	3.24 B	0.111	0.285	0.019	0	0	0	---	---	7
8	---	---	0.0	4.73 B	0.048	0.437	0.012	0	0	0	---	---	8
9	---	---	0.0	4.58	0.038	0.607	0.007	0	0	0	---	---	9
10	---	---	0.0	3.67	0.142	0.518	0.001	0	0	0	---	---	10
11	---	---	0.0	2.07	0.316	0.424	0	0	0	0	---	---	11
12	---	---	0.0	1.31	0.348	0.388	0	0	0	0	---	---	12
13	---	---	0.0	0.960	0.342	0.321	0	0	0	0	---	---	13
14	---	---	0.0	0.825	0.338	0.293	0	0	0	0	---	---	14
15	---	---	0.0	0.686	0.333	0.230	0	0	0	0	---	---	15
16	---	---	0.0	0.592	0.313	0.208	0	0	0	0	---	---	16
17	---	---	0.0	0.418	0.391	0.202	0	0	0	0	---	---	17
18	---	---	0.0	0.402	0.513	0.194	0	0	0	0	---	---	18
19	---	---	0.0	0.290	0.544	0.178	0	0	0	0	---	---	19
20	---	---	0.0	0.284	0.527	0.210	0	0	0	0	---	---	20
21	---	---	0.0	0.148	0.565	0.278	0	0	0	0	---	---	21
22	---	---	0.0	0.156	0.556	0.247	0	0	0	0	---	---	22
23	---	---	0.0	0.127	0.527	0.220	0	0	0	0	---	---	23
24	---	---	0.0	0.123	0.513	0.210	0	0	0	0.0	---	---	24
25	---	---	0.0	0.090	0.491	0.188	0	0	0	0.0	---	---	25
26	---	---	0.0	0.098	0.478	0.162	0	0	0	0.0	---	---	26
27	---	---	0.0	0.106	0.444	0.118	0	0	0	0.0	---	---	27
28	---	---	0.0	0.079	0.405	0.089	0	0	0	0.0	---	---	28
29	---	---	0.0	0.077	0.370	0.085	0	0	0	0.0	---	---	29
30	---		0.0	0.025	0.347	0.089	0	0	0	0.0	---	---	30
31	---		0.0		0.288		0	0		0.0		---	31
TOTAL	---	---	0	25.871	9.437	7.367	0.272	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.835	0.304	0.245	0.009	0	0	0	---	---	MEAN
MAX	---	---	0	4.73	0.565	0.607	0.058	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0.089	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.179
MAXIMUM DAILY, 4.730 ON APR 8
MINIMUM DAILY, 0.0 ON MAR 1
MAXIMUM INSTANTANEOUS,
7.77 AT 20 40 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 09 28 N
LONG 104 10 17 W
DRAINAGE AREA, 87.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	23.5
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 320	OCT	0
MAY	815	NOV	---
JUN	637	DEC	---

TOTAL DISCHARGE, 3 800 dam³

LITTLE MANITOU LAKE AT MANITOU BEACH - STATION NO 05JJ001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	493.838	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	493.951	---	---	---	---	---	---	3
4	---	---	---	---	---	---	493.902	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	493.591	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	493.991	---	---	---	---	---	---	---	7
8	---	---	---	---	493.992	---	---	493.765	---	---	---	---	8
9	---	---	---	493.951	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	493.949	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	493.730	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	493.951	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	493.970	493.928	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	494.015	---	---	---	---	---	---	---	---	30
31	493.818		---		---		493.786	493.589		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 42 45 N
LONG 105 23 38 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LITTLE QUILL LAKE NEAR WYNYARD - STATION NO. 05MA002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	517.743	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	517.939	517.875	517.741	517.685	---	---	---	4
5	---	---	---	---	---	---	---	---	---	517.638	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	517.741	---	---	---	---	7
8	---	---	---	---	517.880	---	517.821	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	517.643	517.648	---	---	9
10	---	---	---	---	---	517.939	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	517.738	---	---	---	---	11
12	---	---	---	---	---	---	517.881	517.749	---	517.640	---	---	12
13	---	---	---	---	---	517.931	---	---	---	---	---	---	13
14	---	---	---	---	517.971	---	---	---	517.627	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	517.981	---	---	---	---	---	---	---	16
17	---	---	---	---	---	517.921	517.818	---	517.604	---	---	---	17
18	---	---	---	---	---	---	---	517.699	---	---	---	---	18
19	---	---	---	---	518.001	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	517.939	---	---	---	---	---	---	21
22	---	---	---	---	---	---	517.781	517.678	---	---	---	---	22
23	---	---	---	---	---	517.939	---	517.684	517.668	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	517.951	517.927	517.787	517.671	---	---	---	---	26
27	---	---	---	---	---	---	---	---	517.687	---	---	---	27
28	---	---	---	---	---	517.941	---	---	---	---	---	---	28
29	---	---	---	---	---	---	517.771	---	---	---	517.671	---	29
30	---		---	---	---	517.891	---	---	517.664	---	---	---	30
31	---		---	---	517.871		517.765	517.665		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 52 54 N
LONG 104 08 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LODGE CREEK BELOW MCRAE CREEK AT INTERNATIONAL BOUNDARY - STATION NO 11AB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.016	0	0	0	0	0	---	---	1
2	---	---	0	0	0.016	0	0	0	0	0	---	---	2
3	---	---	0	0	0.016	0	0	0	0	0	---	---	3
4	---	---	0	0	0.015	0	0	0	0	0	---	---	4
5	---	---	0	0	0.014	0	0	0	0	0	---	---	5
6	---	---	0	0	0.014	0	0	0	0	0	---	---	6
7	---	---	0	0	0.482	0	0	0	0	0	---	---	7
8	---	---	0	0	0.555	0	0	0	0	0	---	---	8
9	---	---	0	0	0.551	0	0	0	0	0	---	---	9
10	---	---	0	0	0.531	0	0	0	0	0	---	---	10
11	---	---	0	0	0.368	0	0	0	0	0	---	---	11
12	---	---	0	0	0.183	0	0	0	0	0	---	---	12
13	---	---	0	0.065	0.098	0	0	0	0	0	---	---	13
14	---	---	0	0.684	0.059	0	0	0	0	0	---	---	14
15	---	---	0	0.698	0.052	0	0	0	0	0	---	---	15
16	---	---	0	0.703	0.038	0	0	0	0	0	---	---	16
17	---	---	0	0.698	0.025	0	0	0	0	0	---	---	17
18	---	---	0	0.416	0.015	0	0	0	0	0	---	---	18
19	---	---	0	0.205	0.010	0	0	0	0	0	---	---	19
20	---	---	0	0.108	0.008	0	0	0	0	0	---	---	20
21	---	---	0	0.067	0.006	0	0	0	0	0	---	---	21
22	---	---	0	0.045	0.002	0	0	0	0	0	---	---	22
23	---	---	0	0.034	0.002	0	0	0	0	0	---	---	23
24	---	---	0	0.031	0.002	0	0	0	0	0	---	---	24
25	---	---	0	0.026	0.001	0	0	0	0	0	---	---	25
26	---	---	0	0.022	0.001	0	0	0	0	0	---	---	26
27	---	---	0	0.020	0.001	0	0	0	0	0	---	---	27
28	---	---	0	0.018	0.001	0	0	0	0	0	---	---	28
29	---	---	0	0.013	0.001	0	0	0	0	0	---	---	29
30	---		0	0.018	0.001	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	3.867	3.085	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.138	0.100	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.703	0.559	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.703 ON APR 15
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0.707 AT 12:00 CST ON APR 15

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 19 N
LONG 109 43 02 W
DRAINAGE AREA, 2 140 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	334	OCT	0
MAY	267	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 601 dam³

LODGE CREEK NEAR ALBERTA BOUNDARY - STATION NO 11AB082

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 002	0 025	0	0	0	0	0	---	---	1
2	---	---	0 B	0 005	0 022	0	0	0	0	0	---	---	2
3	---	---	0 B	0 007	0 020	0	0	0	0	0	---	---	3
4	---	---	0 B	0 028	0 018	0	0	0	0	0	---	---	4
5	---	---	0 B	0 010	0 016	0	0	0	0	0	---	---	5
6	---	---	0 B	0 148	0 015	0	0	0	0	0	---	---	6
7	---	---	0 B	0 578	0 014	0	0	0	0	0	---	---	7
8	---	---	0 B	0 507	0 011	0	0	0	0	0	---	---	8
9	---	---	0 B	0 710	0 010	0	0	0	0	0	---	---	9
10	---	---	0 B	0 438	0 008	0	0	0	0	0	---	---	10
11	---	---	0 B	0 696	0 007	0	0	0	0	0	---	---	11
12	---	---	0 B	0 683	0 008	0	0	0	0	0	---	---	12
13	---	---	0 B	0 448	0 006	0	0	0	0	0	---	---	13
14	---	---	0 B	0 258	0 005	0	0	0	0	0	---	---	14
15	---	OB	0 B	0 239	0 009	0	0	0	0	0	---	---	15
16	---	OB	0 B	0 188	0 010	0	0	0	0	0	---	---	16
17	---	OB	0 B	0 146	0 005	0	0	0	0	0	---	---	17
18	---	OB	0 B	0 336	0 003	0	0	0	0	0	---	---	18
19	---	OB	0 B	0 478	0 003	0	0	0	0	0	---	---	19
20	---	OB	0 B	0 416	0 002	0	0	0	0	0	---	---	20
21	---	OB	0 B	0 354	0 001	0	0	0	0	OB	---	---	21
22	---	OB	0 B	0 276	0	0	0	0	0	OB	---	---	22
23	---	OB	0 B	0 209	0 001	0	0	0	0	OB	---	---	23
24	---	OB	0 B	0 149	0 001	0	0	0	0	OB	---	---	24
25	---	OB	0 B	0 113	0 001	0	0	0	0	OB	---	---	25
26	---	OB	0 0508	B 095	0 001	0	0	0	0	OB	---	---	26
27	---	OB	0 400A	B 083	0 001	0	0	0	0	OB	---	---	27
28	---	OB	0 020A	B 053	0 004	0	0	0	0	OB	---	---	28
29	---	OB	0 031	B 039	0 003	0	0	0	0	OB	---	---	29
30	---		0 012	B 026	0 001	0	0	0	0	OB	---	---	30
31	---		0 003		0 001		0	0		OB	---	---	31
TOTAL	---	---	0 516	7 730	0 233	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 017	0 258	0 008	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 400	0 710	0 025	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0 002	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 035
MAXIMUM DAILY, 0 710 ON APR 9
MINIMUM DAILY, OB ON MAR 1
MAXIMUM INSTANTANEOUS,
0 845 AT 21 15 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 10 N
LONG 109 59 05 W
DRAINAGE AREA, 909 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	44 6	SEP	0
APR	656	OCT	0
MAY	20 1	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 733 dam³

LOISELLE CREEK NEAR HUDSON BAY - STATION NO 05LB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	OB	0 890A	0 300E	0 440E	0 003E	0	0	0	---	---	1
2	---	---	OB	1 36 A	0 280E	0 290E	0 002E	0	0	0	---	---	2
3	---	---	OB	2 94	0 190E	0 160E	0 001E	0	0	0	---	---	3
4	---	---	OB	3 63	0 160E	0 110E	0 001E	0	0	0	---	---	4
5	---	---	OB	3 00	0 130E	0 085A	0 E	0	0	0	---	---	5
6	---	---	OB	2 42	0 110E	0 064E	0 A	0	0	0	---	---	6
7	---	---	OB	2 04	0 088E	0 200E	0 E	0	0	0	---	---	7
8	---	---	OB	1 77	0 072E	0 424A	0 E	0	0	0	---	---	8
9	---	---	OB	1 44	0 062E	1 27	0 E	0	0	0	---	---	9
10	---	---	OB	1 18	0 120E	1 20	0 E	0	0	0	---	---	10
11	---	---	OB	1 03 A	0 200E	0 980	0 A	0	0	0	---	---	11
12	---	---	OB	0 840E	0 400E	0 400E	0	0	0	0	---	---	12
13	---	---	OB	0 560E	0 520E	0 180E	0	0	0	0	---	---	13
14	---	---	OB	0 420E	0 440E	0 090E	0	0	0	0	---	---	14
15	---	---	OB	0 310E	0 350E	0 050E	0	0	0	0	---	---	15
16	---	---	OB	0 230E	0 250E	0 044E	0	0	0	0	---	---	16
17	---	---	OB	0 180E	0 170E	0 038E	0	0	0	0	---	---	17
18	---	---	OB	0 124A	0 280E	0 035E	0	0	0	0	---	---	18
19	---	---	OB	0 105E	0 400E	0 032E	0	0	0	0	---	---	19
20	---	---	OB	0 088E	0 580A	0 029E	0	0	0	0	---	---	20
21	---	---	OB	0 072E	0 597	0 027E	0	0	0	0	---	---	21
22	---	---	OB	0 058E	0 591	0 025E	0	0	0	0	---	---	22
23	---	---	OB	0 048E	0 569	0 022E	0	0	0	0	---	---	23
24	---	---	OB	0 044E	0 586	0 019E	0	0	0	0	---	---	24
25	---	---	OE	0 180E	1 14	0 018E	0	0	0	0	---	---	25
26	---	---	OE	0 563A	2 70	0 013A	0	0	0	0	---	---	26
27	---	---	OE	0 600E	2 32	0 011E	0	0	0	0	---	---	27
28	---	OB	OA	0 520E	1 33	0 009E	0	0	0	0	---	---	28
29	---	OB	OA	0 460E	1 01	0 007E	0	0	0	0	---	---	29
30	---		OA	0 380E	0 869	0 005E	0	0	0	0	---	---	30
31	---		OA		0 795A		0	0		0	---	---	31
TOTAL	---	---	0	27 282	17 689	6 675	0 007	0	0	0	---	---	TOTAL
MEAN	---	---	0	0 909	0 571	0 223	0	0	0	0	---	---	MEAN
MAX	---	---	0	3 63	2 70	1 27	0 003	0	0	0	---	---	MAX
MIN	---	---	0	0 044	0 082	0 005	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 211
MAXIMUM DAILY, 3 63 ON APR 4
MINIMUM DAILY, OB ON MAR 1
MAXIMUM INSTANTANEOUS,
4 30 AT 17 15 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 47 51 N
LONG 102 22 14 W
DRAINAGE AREA, 181 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 60
FEB	---	AUG	0
MAR	0	SEP	0
APR	2 360	OCT	0
MAY	1 530	NOV	---
JUN	879	DEC	---

TOTAL DISCHARGE, 4 470 dam³

LONG CREEK AT WESTERN CROSSING OF INTERNATIONAL BOUNDARY - STATION NO 05NA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	08	08	0 B	0 227	0 018	0	0	0	0	0	08	08	1
2	08	08	0 B	0 173	0 006	0	0	0	0	0	08	08	2
3	08	08	0 B	0 128	0 035	0	0	0	0	0	08	08	3
4	08	08	0 B	0 093	0 044	0	0	0	0	0	08	08	4
5	08	08	0 B	0 071	0 031	0	0	0	0	0	08	08	5
6	08	08	0 B	0 058	0 018	0	0	0	0	0	08	08	6
7	08	08	0 B	0 046	0 010	0	0	0	0	0	08	08	7
8	08	08	0 B	0 028	0 007	0	0	0	0	0	08	08	8
9	08	08	0 B	0 024	0 005	0	0	0	0	0	08	08	9
10	08	08	0 B	0 023	0 003	0	0	0	0	0	08	08	10
11	08	08	0 B	0 022	0 002	0	0	0	0	0	08	08	11
12	08	08	0 B	0 022	0 002	0	0	0	0	0	08	08	12
13	08	08	0 B	0 017	0 001	0	0	0	0	0	08	08	13
14	08	08	0 B	0 011	0 001	0	0	0	0	0	08	08	14
15	08	08	0 B	0 007	0 001	0	0	0	0	0	08	08	15
16	08	08	0 B	0 008	0 001	0	0	0	0	0	08	08	16
17	08	08	0 B	0 007	0 002	0	0	0	0	0	08	08	17
18	08	08	0 B	0 006	0 001	0	0	0	0	0	08	08	18
19	08	08	0 B	0 004	0 001	0	0	0	0	0	08	08	19
20	08	08	0 B	0 003	0 001	0	0	0	0	0	08	08	20
21	08	08	0 B	0 003	0 001	0	0	0	0	0	08	08	21
22	08	08	0 B	0 003	0 001	0	0	0	0	0	08	08	22
23	08	08	0 B	0 003	0	0	0	0	0	0	08	08	23
24	08	08	0 B	0 003	0 001	0	0	0	0	0	08	08	24
25	08	08	0 B	0 003	0	0	0	0	0	0	08	08	25
26	08	08	0 B	0 002	0	0	0	0	0	0	08	08	26
27	08	08	0 B	0 013	0	0	0	0	0	0	08	08	27
28	08	08	0 1828	0 020	0	0	0	0	0	08	08	08	28
29	08	08	0 325	0 018	0	0	0	0	0	08	08	08	29
30	08		0 301	0 029	0	0	0	0	0	08	08	08	30
31	08		0 263		0		0	0		08		08	31
TOTAL	0	0	1 071	1 075	0 194	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0 035	0 036	0 006	0	0	0	0	0	0	0	MEAN
MAX	0	0	0 325	0 227	0 044	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0 002	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 006
MAXIMUM DAILY, 0 325 ON MAR 29
MINIMUM DAILY, 08 ON JAN 1
MAXIMUM INSTANTANEOUS,
0 335 AT 11 30 CST ON MAR 29

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 01 N
LONG 103 21 08 W
DRAINAGE AREA, 3 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	92 5	SEP	0
APR	92 9	OCT	0
MAY	16 8	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 202 dam³

LONG CREEK NEAR ESTEVAN - STATION NO 05NB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 032	0 047	0 063	0 018	0 047	0 109	0 222	0 120	0 110	0 048	0 080	0 050	1
2	0 030	0 047	0 064	0 018	0 045	0 102	0 045	0 127	0 110	0 060	0 060	0 049	2
3	0 031	0 046	0 063	0 020	0 044	0 094	0 082	0 132	0 104	0 094	0 060	0 049	3
4	0 034	0 045	0 064	0 023	0 043	0 076	0 151	0 212	0 074	0 068	0 060	0 049	4
5	0 048	0 046	0 061	0 027	0 042	0 075	0 066	0 170	0 070	0 060	0 060	0 050	5
6	0 044	0 047	0 060	0 047	0 040	0 079	0 043	0 124	0 068	0 072	0 060	0 050	6
7	0 044	0 046	0 059	0 128	0 040	0 078	0 042	0 125	0 069	0 065	0 063	0 052	7
8	0 036	0 047	0 059	0 171	0 045	0 079	0 043	0 121	0 071	0 039	0 072	0 053	8
9	0 052	0 048	0 059	0 087	0 109	0 079	0 059	0 099	0 073	0 039	0 076	0 056	9
10	0 131	0 049	0 054	0 063	0 057	0 121	0 088	0 058	0 073	0 037	0 087	0 055	10
11	0 134	0 049	0 049	0 043	0 035	0 237	0 109	0 058	0 067	0 037	0 085	0 054	11
12	0 135	0 116	0 048	0 041	0 035	0 164	0 150	0 057	0 070	0 037	0 073	0 054	12
13	0 134	0 211	0 047	0 042	0 035	0 080	0 151	0 057	0 159	0 038	0 068	0 055	13
14	0 134	0 216	0 047	0 041	0 036	0 065	0 152	0 059	0 075	0 037	0 061	0 055	14
15	0 134	0 215	0 046	0 040	0 119	0 096	0 150	0 058	0 058	0 040	0 056	0 056	15
16	0 096	0 212	0 046	0 039	0 129	0 173	0 149	0 114	0 056	0 067	0 054	0 057	16
17	0 042	0 151	0 046	0 039	0 127	0 132	0 150	0 191	0 055	0 081	0 052	0 056	17
18	0 042	0 049	0 047	0 043	0 126	0 070	0 189	0 192	0 055	0 158	0 052	0 054	18
19	0 042	0 047	0 061	0 063	0 126	0 029	0 236	0 196	0 046	0 137	0 050	0 054	19
20	0 042	0 048	0 059	0 065	0 123	0 028	0 109	0 152	0 082	0 116	0 051	0 055	20
21	0 043	0 051	0 055	0 063	0 123	0 044	0 092	0 111	0 226	0 089	0 051	0 055	21
22	0 043	0 047	0 061	0 085	0 095	0 046	0 090	0 110	0 225	0 079	0 050	0 055	22
23	0 043	0 046	0 062	0 078	0 055	0 026	0 089	0 111	0 223	0 077	0 051	0 054	23
24	0 044	0 046	0 063	0 104	0 052	0 029	0 094	0 111	0 224	0 074	0 051	0 053	24
25	0 044	0 045	0 074	0 107	0 054	0 035	0 115	0 111	0 203	0 071	0 050	0 061	25
26	0 044	0 044	0 060	0 134	0 053	0 046	0 117	0 109	0 047	0 071	0 050	0 085	26
27	0 045	0 044	0 058	0 200	0 052	0 060	0 117	0 105	0 039	0 085	0 049	0 058	27
28	0 045	0 047	0 056	0 073	0 060	0 052	0 118	0 105	0 038	0 083	0 050	0 054	28
29	0 047	0 063	0 057	0 055	0 052	0 071	0 120	0 157	0 034	0 063	0 051	0 053	29
30	0 047		0 051	0 042	0 051	0 339	0 128	0 228	0 039	0 062	0 050	0 051	30
31	0 047		0 022		0 073		0 121	0 135		0 062		0 051	31
TOTAL	1 909	2 215	1 721	1 979	2 128	2 710	3 585	3 815	2 847	2 166	1 784	1 673	TOTAL
MEAN	0 062	0 076	0 056	0 068	0 069	0 090	0 116	0 123	0 095	0 070	0 058	0 054	MEAN
MAX	0 135	0 216	0 074	0 200	0 129	0 339	0 236	0 228	0 226	0 158	0 087	0 085	MAX
MIN	0 030	0 044	0 022	0 018	0 035	0 026	0 042	0 057	0 038	0 037	0 048	0 049	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 078
MAXIMUM DAILY, 0 339 ON JUN 30
MINIMUM DAILY, 0 018 ON APR 1
MAXIMUM INSTANTANEOUS,
0 349 AT 15 07 CST ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 15 N
LONG 103 00 48 W
DRAINAGE AREA, 4 840 km²

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	185	JUL	310
FEB	191	AUG	330
MAR	149	SEP	246
APR	171	OCT	187
MAY	184	NOV	152
JUN	234	DEC	145

TOTAL DISCHARGE, 2 460 dam³

LONG CREEK NEAR MAXIM - STATION NO 05NA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.001	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0.001	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0.052	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0208	0	0	0	0	0	0	0	---	---	20
21	---	---	0.245B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.278B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.243B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.214B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.183B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.079B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.061B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.042B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.020	0	0	0	0	0	0	0	---	---	29
30	---	---	0.016	0	0	0	0	0	0	0	---	---	30
31	---	---	0.011		0		0	0		0	---	---	31
TOTAL	---	---	1.412	0.006	0.053	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.046	0	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.278	0.005	0.052	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.278B ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.288B AT 23:37 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 15 32 N
LONG 103 57 22 W
DRAINAGE AREA, 1 790 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	122	SEP	0
APR	0.52	OCT	0
MAY	4.58	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 127 dam³

LONG CREEK NEAR NOONAN - STATION NO 05NB027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.003B	0.006B	0.010B	0.007	0.252	0.020	0.007	0	0	0	0B	0B	1
2	0.003B	0.006B	0.010B	0.006	0.269	0.018	0.006	0	0	0	0B	0B	2
3	0.004B	0.006B	0.010B	0.021	0.311	0.016	0.005	0	0	0	0B	0B	3
4	0.005B	0.006B	0.010B	0.173	0.275	0.012	0.005	0	0	0	0B	0B	4
5	0.007B	0.005B	0.009B	0.153	0.261	0.010	0.005	0	0	0	0B	0B	5
6	0.008B	0.005B	0.009B	0.105	0.272	0.010	0.004	0	0	0	0B	0B	6
7	0.007B	0.004B	0.008B	0.079	0.235	0.012	0.004	0	0	0	0B	0B	7
8	0.006B	0.005B	0.008B	0.071	0.190	0.010	0.005	0	0	0	0B	0B	8
9	0.006B	0.007B	0.008B	0.051	0.136	0.008	0.003	0	0	0	0B	0B	9
10	0.005B	0.008B	0.008B	0.051	0.105	0.007	0.003	0	0	0	0B	0B	10
11	0.005B	0.010B	0.007B	0.042	0.076	0.005	0.002	0	0	0	0B	0B	11
12	0.005B	0.011B	0.007B	0.031	0.054	0.010	0.002	0	0	0	0B	0B	12
13	0.004B	0.013B	0.007B	0.023	0.048	0.012	0.002	0	0	0	0B	0B	13
14	0.004B	0.017B	0.007B	0.018	0.074	0.011	0.001	0	0	0	0B	0B	14
15	0.004B	0.024B	0.006B	0.017	0.059	0.011	0.001	0	0	0	0B	0B	15
16	0.003B	0.031B	0.006B	0.031	0.051	0.010	0.001	0	0	0	0B	0B	16
17	0.003B	0.027B	0.006B	0.040	0.054	0.009	0	0	0	0	0B	0B	17
18	0.003B	0.019B	0.006B	0.042	0.045	0.008	0	0	0	0	0B	0B	18
19	0.003B	0.015B	0.018B	0.057	0.037	0.007	0	0	0	0	0B	0B	19
20	0.002B	0.014B	0.045B	0.065	0.031	0.008	0	0	0	0	0B	0B	20
21	0.002B	0.018B	0.088B	0.071	0.031	0.014	0	0	0	0	0B	0B	21
22	0.002B	0.022B	0.142B	0.078	0.037	0.022	0	0	0	0	0B	0B	22
23	0.002B	0.020B	0.105B	0.082	0.037	0.019	0	0	0	0	0B	0B	23
24	0.002B	0.018B	0.079B	0.093	0.028	0.016	0	0	0	0	0B	0B	24
25	0.002B	0.018B	0.136B	0.093	0.027	0.015	0	0	0	0	0B	0B	25
26	0.002B	0.017B	0.133B	0.105	0.028	0.016	0	0	0	0	0B	0B	26
27	0.002B	0.015B	0.068B	0.173	0.026	0.014	0	0	0	0	0B	0B	27
28	0.003B	0.013B	0.034B	0.178	0.023	0.013	0	0	0	0B	0B	0B	28
29	0.006B	0.011B	0.020B	0.212	0.022	0.012	0	0	0	0B	0B	0B	29
30	0.007B		0.013B	0.227	0.021	0.009	0	0	0	0B	0B	0B	30
31	0.007B		0.008B		0.022		0	0		0B		0B	31
TOTAL	0.127	0.391	1.031	2.393	3.137	0.362	0.056	0	0	0	0	0	TOTAL
MEAN	0.004	0.013	0.033	0.080	0.101	0.012	0.002	0	0	0	0	0	MEAN
MAX	0.008	0.031	0.142	0.227	0.311	0.022	0.007	0	0	0	0	0	MAX
MIN	0.002	0.004	0.006	0.006	0.021	0.005	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.020
MAXIMUM DAILY, 0.311 ON MAY 3
MINIMUM DAILY, 0 ON JUL 17
MAXIMUM INSTANTANEOUS,
0.340 AT 16:30 CST ON MAY 3

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 52 N
LONG 103 04 34 W
DRAINAGE AREA, 4 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11.0	JUL	4.84
FEB	33.4	AUG	0
MAR	89.1	SEP	0
APR	207	OCT	0
MAY	271	NOV	0
JUN	31.3	DEC	0

TOTAL DISCHARGE, 848 dam³

LOWER FISHING LAKE ON THE HANSON LAKE ROAD - STATION NO OSKE009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	490.526	490.409	---	490.322	490.289	---	---	1
2	---	---	---	---	---	490.526	490.409	490.321	490.322	---	---	---	2
3	---	---	---	---	---	490.476	---	490.321	490.321	---	---	---	3
4	---	---	---	---	---	490.477	---	490.321	---	---	---	---	4
5	---	---	---	---	---	---	490.349	490.321	---	---	---	---	5
6	---	---	---	---	---	---	490.349	490.321	---	---	---	---	6
7	---	---	---	---	---	490.447	490.349	---	---	---	---	---	7
8	---	---	---	---	---	490.467	490.349	---	---	---	---	---	8
9	---	---	---	---	---	490.477	490.319	490.318	---	---	---	---	9
10	---	---	---	---	---	490.477	---	490.317	---	490.275	---	---	10
11	---	---	---	---	---	490.477	---	490.317	---	---	---	---	11
12	---	---	---	---	---	---	490.314	490.317	---	---	---	---	12
13	---	---	---	---	---	---	490.314	490.315	---	---	---	---	13
14	---	---	---	---	---	490.452	490.314	---	---	---	---	---	14
15	---	---	---	---	---	490.452	490.340	---	---	---	---	---	15
16	---	---	---	---	490.371	490.447	490.340	490.312	---	---	---	---	16
17	---	---	---	---	---	490.437	---	490.302	---	---	---	---	17
18	---	---	---	---	490.475	490.438	---	490.302	---	---	---	---	18
19	---	---	---	---	---	---	490.373	490.302	---	---	---	---	19
20	---	---	---	---	---	---	490.373	490.302	---	490.320	---	---	20
21	---	---	---	---	490.585	490.448	490.373	---	490.293	---	---	---	21
22	---	---	---	---	---	490.448	490.373	---	---	---	490.335	---	22
23	---	---	---	---	---	490.448	490.395	490.302	490.298	---	---	---	23
24	---	---	---	---	490.656	490.443	---	490.303	---	---	---	---	24
25	---	---	---	---	490.648	490.443	---	490.323	---	---	---	---	25
26	---	---	---	---	490.638	---	490.380	490.323	---	---	---	---	26
27	---	---	---	---	490.626	---	490.380	490.343	490.297	490.347	---	---	27
28	---	---	---	---	490.601	490.418	490.371	---	---	---	---	---	28
29	---	---	---	---	---	490.408	490.361	---	490.295	---	---	---	29
30	---		---	---	---	490.408	490.361	490.343	---	---	---	---	30
31	---		---		490.526		---	490.333		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 490.656 ON MAY 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 02 11 N
LONG 104 36 51 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LUMSDEN INDEX RESERVOIR - STATION NO OSJF013

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	27.818E	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	26.779	---	---	2
3	---	---	---	27.816	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	26.765	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	27.813	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	27.400E	---	---	---	---	---	---	20
21	---	---	---	---	---	27.460E	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	27.750E	27.712	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	27.406	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	27.518	---	---	---	---	---	---	---	29
30	---		---	27.690E	---	27.380E	27.088	---	26.780E	---	---	---	30
31	---		27.750E		27.605E		27.080E	26.872		26.770E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.818E ON APR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 32 31 N
LONG 104 50 37 W

E - ESTIMATED

DRAINAGE AREA,
1.18 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LYONS CREEK AT INTERNATIONAL BOUNDARY - STATION NO. 11AB075

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00 00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 17 N
LONG 109 13 48 W
DRAINAGE AREA, 174 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MACDONALD CREEK NEAR BOUNTY - STATION NO. 05HF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.886	0.010	0	0.001	0	0	0	---	---	1
2	---	---	0 B	0.782	0.009	0	0	0	0	0	---	---	2
3	---	---	0 B	0.622	0.009	0	0	0	0	0	---	---	3
4	---	---	0 B	0.448	0.010	0	0	0	0	0	---	---	4
5	---	---	0 B	0.344	0.008	0	0	0	0	0	---	---	5
6	---	---	0 B	0.274	0.008	0	0	0	0	0	---	---	6
7	---	---	0 B	0.215	0.006	0	0	0	0	0	---	---	7
8	---	---	0 B	0.167	0.006	0	0	0	0	0	---	---	8
9	---	---	0 B	0.129	0.004	0	0	0	0	0	---	---	9
10	---	---	0 B	0.105	0.004	0	0	0	0	0	---	---	10
11	---	---	0 B	0.089	0.004	0	0	0	0	0	---	---	11
12	---	---	0 B	0.077	0.004	0	0	0	0	0	---	---	12
13	---	---	0 B	0.067	0.004	0	0	0	0	0	---	---	13
14	---	---	0 B	0.061	0.004	0	0	0	0	0	---	---	14
15	---	---	0 B	0.055	0.003	0	0	0	0	0	---	---	15
16	---	---	0 B	0.050	0.005	0	0	0	0	0	---	---	16
17	---	---	0 B	0.045	0.005	0	0	0	0	0	---	---	17
18	---	---	0 B	0.040	0.004	0	0	0	0	0	---	---	18
19	---	---	0.0738	0.036	0.003	0	0	0	0	0	---	---	19
20	---	---	1.23 B	0.032	0.003	0	0	0	0	0	---	---	20
21	---	---	2.02 B	0.028	0.003	0	0	0	0	0	---	---	21
22	---	---	1.95 B	0.025	0.003	0.072	0	0	0	0	---	---	22
23	---	---	1.43 B	0.023	0.003	0.035	0	0	0	0	---	---	23
24	---	---	1.83 B	0.021	0.003	0.021	0	0	0	0	---	---	24
25	---	---	1.62 B	0.021	0.003	0.016	0	0	0	0	---	---	25
26	---	---	1.55 B	0.021	0.003	0.008	0	0	0	0	---	---	26
27	---	---	1.49 B	0.018	0.002	0.005	0	0	0	0	---	---	27
28	---	---	1.01 B	0.017	0.002	0.003	0	0	0	0	---	---	28
29	---	---	0.781B	0.015	0.002	0.003	0	0	0	0	---	---	29
30	---		0.698B	0.012	0.001	0.002	0	0	0	0	---	---	30
31	---		0.883B		0		0	0		0		---	31
TOTAL	---	---	18.863	4.723	0.138	0.165	0.001	0	0	0	---	---	TOTAL
MEAN	---	---	0.544	0.157	0.004	0.008	0	0	0	0	---	---	MEAN
MAX	---	---	2.02	0.886	0.010	0.072	0.001	0	0	0	---	---	MAX
MIN	---	---	0	0.012	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.089
MAXIMUM DAILY, 2.028 ON MAR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.508 AT 07:11 CST ON MAR 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 56 N
LONG 107 24 44 W
DRAINAGE AREA, 2 580 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0.09
FEB	---	AUG	0
MAR	1 480	SEP	0
APR	408	OCT	0
MAY	11.9	NOV	---
JUN	14.3	DEC	---

TOTAL DISCHARGE, 1 880 dam³

MACFARLANE RIVER AT OUTLET OF DAVY LAKE - STATION NO 07MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.7	33.4	34.3	34.8	61.9	56.0	53.8	46.0E	45.7	51.7	54.0	55.5	1
2	36.9	33.4	34.4	34.7	61.1	55.0	43.6	45.4E	43.7	52.9	53.0	55.3	2
3	37.0	33.1	34.6	35.1	59.4	55.2	42.9	44.7E	46.6	52.7	53.0	54.4	3
4	36.9	32.8	33.8	35.6	58.9	54.3	42.2	44.4E	47.8	54.2	53.4	52.7	4
5	37.2	32.8	33.7	35.7	58.1	53.4	42.3	44.1E	47.9	54.9	53.3	52.1	5
6	36.8	32.4	33.8	36.3	57.8	52.0	42.0	43.9E	45.6	53.7	53.4	52.8	6
7	36.3	32.5	33.5	37.1	57.5	51.1	43.2	43.7E	45.4	54.4	53.8	53.8	7
8	36.2	32.9	33.6	38.2	57.4	51.3	43.9	43.6E	49.8	53.8	55.8	53.8	8
9	35.4	32.8	33.7	38.6	56.7	52.7	42.6	43.4E	51.1	54.5	57.8	53.7	9
10	35.0	32.3	33.7	39.6	56.5	52.0	43.2	42.4E	51.2	53.8	58.7	51.3	10
11	34.7	32.1	33.7	40.7	57.1	50.0	43.4	42.2E	51.5	55.0	59.3	50.3	11
12	34.7	32.3	33.0	41.7	57.2	50.1	42.7	42.2E	52.0	54.1	58.5	50.0	12
13	34.7	32.7	32.2	43.3	57.2	50.0	42.9	42.2E	52.5	56.4	57.2	49.1	13
14	35.3	32.9	32.0	44.8	56.8	50.2	43.8	42.0E	53.4	57.7	56.3	49.0	14
15	35.2	33.2	32.1	46.6	56.1	48.5	45.6	41.7E	57.7	56.6	56.2	49.3	15
16	35.0	33.2	32.1	48.7	54.5	48.3	45.2	40.8A	58.3	50.4	56.0	48.3	16
17	34.5	33.6	32.2	50.0	54.2	48.0	48.8	40.2	57.4	47.9	55.0	47.6	17
18	34.1	33.7	32.4	52.7	57.8	47.6	45.5	40.6	57.5	51.2	54.9	47.4	18
19	33.5	33.9	33.2	54.3	58.7	47.6	46.4	41.8	55.0	58.0	55.3	47.5	19
20	33.8	34.2	33.8	57.4	59.5	46.8	48.0	40.8	53.3	59.0	55.8	47.2	20
21	33.9	34.2	33.9	59.2	57.5	47.7	45.9	41.9	51.5	58.6	56.8	47.1	21
22	33.6	34.0	34.0	60.8	56.8	45.7	46.1	43.4	52.2	60.1	57.6	46.3	22
23	34.3	34.1	34.2	62.6	56.3	46.1	47.8	44.8	53.4	60.4	59.1	45.5	23
24	34.1	34.2	34.4	62.8	57.5	46.6	47.7	45.5	53.3	61.8	59.5	44.3	24
25	33.4	34.3	34.2	61.3	57.5	46.2	47.3	45.9	52.6	62.9	59.1	43.2	25
26	33.2	34.5	34.2	61.3	57.1	45.5	48.1	48.9	52.2	59.9	58.1	42.3	26
27	33.3	34.2	34.3	62.4	57.6	46.3	49.5	45.7	53.8	58.1	57.4	42.2	27
28	33.0	34.2	34.2	62.4	56.8	45.6	48.5	49.6	53.5	44.6	57.0	41.9	28
29	33.2	34.1	34.3	62.7	56.6	42.5	47.9	42.6	52.7	48.4	56.7	41.3	29
30	33.3		34.6	62.8	57.0	51.0	46.5A	44.2	52.0	50.6	56.2	41.2	30
31	33.3		34.7		53.3		46.2E	45.7		55.1		41.0	31
TOTAL	1 079.5	868.0	1 042.8	1 484.2	1 780.4	1 484.3	1 411.5	1 354.3	1 550.6	1 704.4	1 681.2	1 497.4	TOTAL
MEAN	34.8	33.4	33.6	48.8	57.4	49.5	45.5	43.7	51.7	55.0	56.3	48.3	MEAN
MAX	37.7	34.5	34.7	62.8	61.9	56.0	53.8	49.6	58.3	62.9	59.5	55.5	MAX
MIN	33.0	32.1	32.0	34.7	53.3	42.5	42.0	40.2	43.7	44.6	53.0	41.0	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.5
MAXIMUM DAILY, 62.9 ON OCT 25
MINIMUM DAILY, 32.0 ON MAR 14
MAXIMUM INSTANTANEOUS,
66.2 AT 00 22 CST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 58 00 N
LONG 108 10 30 W
DRAINAGE AREA, 9 120 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	93 300	JUL	122 000
FEB	83 600	AUG	117 000
MAR	90 100	SEP	134 000
APR	127 000	OCT	147 000
MAY	154 000	NOV	146 000
JUN	128 000	DEC	129 000

TOTAL DISCHARGE, 1 470 000 dam³

MACNAB CREEK NEAR SOMME - STATION NO 05LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.268B	0.227	0.628	0.367	0	0	0	---	---	1
2	---	---	0 B	0.219B	0.243	0.553	0.375	0	0	0	---	---	2
3	---	---	0 B	0.184B	0.281	0.486	0.373	0	0	0	---	---	3
4	---	---	0 B	0.173	0.222	0.402	0.260	0	0	0	---	---	4
5	---	---	0 B	0.120	0.196	0.353	0.309	0	0	0	---	---	5
6	---	---	0 B	0.159	0.235	0.307	0.175	0	0	0	---	---	6
7	---	---	0 B	0.196	0.277	0.932	0.080	0	0	0	---	---	7
8	---	---	0 B	0.167	0.320	2.61	0.025	0	0	0	---	---	8
9	---	---	0 B	0.119	0.357	2.24	0.026	0	0	0	---	---	9
10	---	---	0 B	0.235	0.499	1.75	0.020	0	0	0	---	---	10
11	---	---	0 B	0.217	0.634	1.43	0.017	0	0	0	---	---	11
12	---	---	0 B	0.152	0.695	1.18	0.011	0	0	0	---	---	12
13	---	---	0 B	0.104	0.697	0.960	0.009	0	0	0	---	---	13
14	---	---	0 B	0.147	0.662	0.765	0.008	0	0	0	---	---	14
15	---	---	0 B	0.225	0.584	0.592	0.006	0	0	0	---	---	15
16	---	---	0 B	0.312	0.544	0.549	0.004	0	0	0	---	---	16
17	---	---	0 B	0.139	0.611	1.02	0.001	0	0	0	---	---	17
18	---	---	0 B	0.072	0.990	1.17	0	0	0	0	---	---	18
19	---	---	0 B	0.066	1.29	1.17	0	0	0	0	---	---	19
20	---	---	0 B	0.098	1.31	1.24	0	0	0	0	---	---	20
21	---	---	0 B	0.070	1.31	1.04	0	0	0	0	---	---	21
22	---	---	0.003B	0.045	1.27	0.898	0	0	0	0	---	---	22
23	---	---	0.176B	0.023	1.24	0.890	0	0	0	0	---	---	23
24	---	---	0.133B	0.035	1.30	0.860	0	0	0	0	---	---	24
25	---	---	0.153B	0.178	1.52 A	0.742	0	0	0	0B	---	---	25
26	---	---	0.158B	0.378	1.42	0.620	0	0	0	0B	---	---	26
27	---	---	0.110B	0.336	1.38	0.506	0	0	0	0B	---	---	27
28	---	---	0.070B	0.286	1.27	0.465	0	0	0	0B	---	---	28
29	---	---	0.038B	0.274	1.14	0.427	0	0	0	0B	---	---	29
30	---		0.105B	0.228	1.10	0.363	0	0	0	0B	---	---	30
31	---		0.248B		0.801A		0	0		0B		---	31
TOTAL	---	---	1.185	5.229	24.625	27.320	2.068	0	0	0	---	---	TOTAL
MEAN	---	---	0.038	0.174	0.794	0.911	0.067	0	0	0	---	---	MEAN
MAX	---	---	0.248	0.378	1.52	2.61	0.375	0	0	0	---	---	MAX
MIN	---	---	0	0.023	0.196	0.307	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.247
MAXIMUM DAILY, 2.61 ON JUN 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2.80 AT 17:35 CST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 29 N
LONG 102 57 57 W
DRAINAGE AREA, 87.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	179
FEB	---	AUG	0
MAR	103	SEP	0
APR	462	OCT	0
MAY	2 130	NOV	---
JUN	2 380	DEC	---

TOTAL DISCHARGE, 5 220 dam³

MADGE LAKE NEAR KAMSACK - STATION NO 05LE012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	508.402	508.471	508.341	508.219	---	---	---	1
2	---	---	---	---	---	508.404	508.467	508.339	508.211	508.249	---	---	2
3	---	---	---	---	---	508.400	508.463	508.337	508.207	508.247	---	---	3
4	---	---	---	---	---	508.398	---	508.335	508.207	---	---	---	4
5	---	---	---	---	---	508.396	---	508.331	508.203	---	---	---	5
6	---	---	---	---	---	508.394	508.435	508.335	508.199	---	---	---	6
7	---	---	---	---	---	508.422	508.431	508.333	508.197	---	---	---	7
8	---	---	---	---	---	508.428	508.437	508.329	---	---	---	---	8
9	---	---	---	---	508.333	508.432	508.431	508.324	508.214	508.240	---	---	9
10	---	---	---	---	---	508.426	---	508.322	508.212	508.240	---	---	10
11	---	---	---	---	---	508.422	---	---	508.210	508.240	---	---	11
12	---	---	---	---	---	508.420	---	508.308	508.226	508.240	---	---	12
13	---	---	---	---	---	508.418	---	508.304	508.240	---	---	---	13
14	---	---	---	---	---	508.414	---	508.300	508.236	---	---	---	14
15	---	---	---	---	---	508.412	508.401	508.296	508.234	508.238	---	---	15
16	---	---	---	---	---	508.410	508.399	508.292	508.232	508.256	---	---	16
17	---	---	---	---	---	508.408	508.392	508.288	508.232	508.255	---	---	17
18	---	---	---	---	---	508.406	508.390	508.282	508.230	508.254	---	---	18
19	---	---	---	---	---	508.404	508.386	508.276	508.228	508.262	---	---	19
20	---	---	---	---	---	508.434	508.382	508.276	508.226	---	---	---	20
21	---	---	---	---	---	508.438	508.380	508.276	---	---	---	---	21
22	---	---	---	---	---	508.442	508.378	508.274	---	---	---	---	22
23	---	---	---	---	---	508.470	508.372	508.270	508.273	508.260	---	---	23
24	---	---	---	---	---	508.478	---	508.265	508.271	---	---	---	24
25	---	---	---	---	---	508.478	---	508.261	508.267	---	---	---	25
26	---	---	---	---	---	508.478	508.363	508.257	508.263	508.267	---	---	26
27	---	---	---	---	---	508.476	508.357	508.251	508.263	---	---	---	27
28	---	---	---	---	---	508.478	508.349	508.247	508.261	---	---	---	28
29	---	---	---	---	---	---	508.343	508.241	---	---	508.346	---	29
30	---		---	---	---	508.469	508.341	508.237	---	---	---	---	30
31	---		---		508.410		508.343	508.229		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MAXIMUM DAILY, 508.478 ON JUN 24
MINIMUM DAILY, 508.197 ON SEP 7

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 38 23 N
LONG 101 39 43 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGNUSSON CREEK NEAR WYNYARD - STATION NO 05MA021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.2558	0	0.009	0.003	0	0	0	---	---	1
2	---	---	0 B	0.2438	0	0.009	0.001	0	0	0	---	---	2
3	---	---	0 B	0.211	0	0.008	0	0	0	0	---	---	3
4	---	---	0 B	0.194	0	0.006	0	0	0	0	---	---	4
5	---	---	0 B	0.166	0	0.004	0	0	0	0	---	---	5
6	---	---	0 B	0.137	0	0.003	0	0	0	0	---	---	6
7	---	---	0 B	0.113	0	0.006	0	0	0	0	---	---	7
8	---	---	0 B	0.095	0	0.008	0	0	0	0	---	---	8
9	---	---	0 B	0.058	0	0.008	0	0	0	0	---	---	9
10	---	---	0 B	0.040	0.001	0.007	0	0	0	0	---	---	10
11	---	---	0 B	0.024	0.001	0.007	0	0	0	0	---	---	11
12	---	---	0 B	0.018	0.006	0.007	0	0	0	0	---	---	12
13	---	---	0 B	0.015	0.007	0.006	0	0	0	0	---	---	13
14	---	---	0 B	0.008	0.006	0.004	0	0	0	0	---	---	14
15	---	---	0 B	0.007	0.005	0.003	0	0	0	0	---	---	15
16	---	---	0 B	0.005	0.005	0.002	0	0	0	0	---	---	16
17	---	---	0 B	0.003	0.011	0.002	0	0	0	0	---	---	17
18	---	---	0 B	0.003	0.018	0.001	0	0	0	0	---	---	18
19	---	---	0 B	0.003	0.058	0	0	0	0	0	---	---	19
20	---	---	0 B	0.003	0.047	0	0	0	0	0	---	---	20
21	---	---	0 B	0.002	0.030	0.001	0	0	0	0	---	---	21
22	---	---	0 B	0.001	0.019	0.001	0	0	0	0	---	---	22
23	---	---	0.0328	0.001	0.013	0.034	0	0	0	0	---	---	23
24	---	---	0.3368	0.001	0.015	0.084	0	0	0	0	---	---	24
25	---	---	0.4058	0.001	0.018	0.103	0	0	0	0	---	---	25
26	---	---	0.7568	0.001	0.017	0.041	0	0	0	0	---	---	26
27	---	---	0.5578	0.002	0.010	0.021	0	0	0	0	---	---	27
28	---	---	0.3848	0.002	0.007	0.014	0	0	0	0	---	---	28
29	---	---	0.2618	0.001	0.005	0.009	0	0	0	0	---	---	29
30	---		0.2318	0.001	0.006	0.005	0	0	0	0	---	---	30
31	---		0.2648		0.007		0	0		0		---	31
TOTAL	---	---	3.226	1.616	0.310	0.413	0.004	0	0	0	---	---	TOTAL
MEAN	---	---	0.104	0.054	0.010	0.014	0	0	0	0	---	---	MEAN
MAX	---	---	0.756	0.255	0.058	0.103	0.003	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.023
MAXIMUM DAILY, 0.7568 ON MAR 26
MINIMUM DAILY, 0 B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.9778 AT 12:20 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 52 N
LONG 104 12 07 W
DRAINAGE AREA, 121 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0.35
FEB	---	AUG	0
MAR	278	SEP	0
APR	140	OCT	0
MAY	26.8	NOV	---
JUN	35.7	DEC	---

TOTAL DISCHARGE, 482 dam³

MAKWA LAKE NEAR LOON LAKE - STATION NO 05AD014

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	524.258	524.266	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	524.161	---	---	524.191	---	524.126	---	---	3
4	---	---	---	---	---	---	---	---	524.089	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	524.306	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	524.264	524.176	---	---	524.128	---	14
15	---	---	---	---	---	524.310	---	---	---	524.105	---	---	15
16	---	---	---	---	524.146	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	524.123	---	---	---	17
18	---	---	---	---	---	---	524.248	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	524.254	---	---	---	---	---	---	---	22
23	---	---	---	---	524.236	---	---	524.148	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---	---	---	---	---	524.266	---	---	---	---	---	---	30
31	---		---		524.258		524.191	---		524.132		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 04 46 N
LONG 109 12 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAKWA RIVER AT OUTLET OF MAKWA LAKE - STATION NO 05AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.099B	0.158	0.251	1.37	1.37	0.604	0.053	0.050	0.025B	---	1
2	---	---	0.100B	0.167	0.237	1.20	1.30	0.554	0.061	0.045	0.025B	---	2
3	---	---	0.100B	0.173	0.224	1.04	1.13	0.513	0.056	0.035	0.024B	---	3
4	---	---	0.101B	0.183	0.229	0.994	1.02	0.485	0.048	0.033	0.023B	---	4
5	---	---	0.102B	0.187	0.204	1.01	0.946	0.447	0.040	0.036	0.022B	---	5
6	---	---	0.104B	0.192	0.200	0.974	0.984	0.419	0.033	0.033	0.021B	---	6
7	---	---	0.105B	0.203	0.199	1.19	1.22	0.573	0.033E	0.032	---	---	7
8	---	---	0.104B	0.209	0.184	1.39	1.08	0.485	0.030E	0.032	---	---	8
9	---	---	0.106B	0.214	0.175	1.72	0.975	0.422	0.029E	0.032	---	---	9
10	---	---	0.106B	0.219	0.203	1.86	0.920	0.383	0.027E	0.032	---	---	10
11	---	---	0.105B	0.229	0.209	1.88	0.860	0.334	0.025E	0.031	---	---	11
12	---	---	0.107B	0.240	0.205	1.93	0.820	0.303	0.023E	0.032	---	---	12
13	---	---	0.108B	0.264	0.196	2.00	0.991	0.308	0.021E	0.033	---	---	13
14	---	---	0.110B	0.259	0.188	2.04	1.26	0.276	0.020	0.032	---	---	14
15	---	---	0.108B	0.259	0.192	2.07	1.16	0.215	0.020	0.029	---	---	15
16	---	---	0.109B	0.258	0.226	2.03	1.08	0.202	0.018	0.031	---	---	16
17	---	---	0.110B	0.271	0.409	2.09	1.02	0.188	0.016	0.035	---	---	17
18	---	---	0.110B	0.285	0.486	1.95	0.976	0.176	0.013	0.035	---	---	18
19	---	---	0.110B	0.300	0.435	1.81	0.911	0.172	0.012	0.034	---	---	19
20	---	---	0.111B	0.296	0.532	1.84	0.910	0.166	0.009	0.036	---	---	20
21	---	---	0.111B	0.326	0.740	1.82	0.989	0.144	0.009	0.036	---	---	21
22	---	---	0.115B	0.325	0.794	1.78	1.03	0.128	0.014	0.036	---	---	22
23	---	---	0.114B	0.326	0.763	1.78	0.871	0.116	0.016	0.033	---	---	23
24	---	---	0.121B	0.325	0.985	1.79	0.815	0.115	0.017	0.031	---	---	24
25	---	---	0.124B	0.297	1.02	1.82	0.801	0.108	0.032	0.032	---	---	25
26	---	---	0.139B	0.282	0.998	1.78	0.731	0.113	0.051	0.034B	---	---	26
27	---	---	0.137B	0.287	1.03	1.74	0.682	0.104	0.051	0.029B	---	---	27
28	---	---	0.145B	0.275	1.00	1.64	0.665	0.113	0.050	0.028B	---	---	28
29	---	0.099B	0.143B	0.271	0.396	1.59	0.657	0.112	0.048	0.027B	---	---	29
30	---		0.143	0.266	0.938	1.89	0.890	0.070	0.045	0.028B	---	---	30
31	---		0.148		1.15		0.830	0.057		0.028B	---	---	31
TOTAL	---	---	3.565	7.548	15.557	50.028	29.494	8.405	0.918	1.026	---	---	TOTAL
MEAN	---	---	0.115	0.252	0.502	1.67	0.951	0.271	0.031	0.033	---	---	MEAN
MAX	---	---	0.148	0.326	1.15	2.09	1.37	0.604	0.061	0.050	---	---	MAX
MIN	---	---	0.099B	0.158	0.175	0.974	0.630	0.057	0.009	0.025	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.476
MAXIMUM DAILY, 2.09 ON JUN 17
MINIMUM DAILY, 0.009 ON SEP 20
MAXIMUM INSTANTANEOUS,
2.58 AT 13:02 CST ON JUN 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 04 40 N
LONG 109 12 00 W
DRAINAGE AREA, 1 420 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 550
FEB	---	AUG	726
MAR	308	SEP	79.3
APR	652	OCT	88.6
MAY	1 340	NOV	---
JUN	4 320	DEC	---

TOTAL DISCHARGE, 10 100 dam³

MAKWA RIVER AT RAPID VIEW - STATION NO 06AD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.2558	2.32 B	0.834	12.9	4.94	1.03	0.698	0.512	0.5438	---	1
2	---	---	0.2558	3.11 B	0.872	12.7	4.82	1.05	0.677	0.489	0.4888	---	2
3	---	---	0.2558	4.10 B	0.819	12.8	4.30	1.03	0.670	0.484	0.4388	---	3
4	---	---	0.2558	5.77 B	0.794	12.1	4.00	1.01	0.581	0.454	0.3868	---	4
5	---	---	0.2558	10.5 B	0.735	11.7	3.69	0.966	0.479	0.480	0.3358	---	5
6	---	---	0.2558	11.3	0.788	11.2	3.46	1.00	0.487	0.457	0.2788	---	6
7	---	---	0.2558	10.7	0.828	11.2	3.38	1.40	0.500	0.447	---	---	7
8	---	---	0.2698	9.81	0.837	11.3	3.13	1.30	0.509	0.448	---	---	8
9	---	---	0.2908	8.68	0.836	11.3	2.92	1.31	0.506	0.422	---	---	9
10	---	---	0.2968	7.43	0.908	10.9	2.73	1.28	0.488	0.381	---	---	10
11	---	---	0.3178	6.30	0.968	10.4	2.48	1.23	0.489	0.427	---	---	11
12	---	---	0.3148	5.42	0.941	10.1	2.31	1.20	0.508	0.445	---	---	12
13	---	---	0.3018	4.70	0.918	9.98	2.20	1.15	0.516	0.464	---	---	13
14	---	---	0.2958	4.14	0.879	9.97	2.29	1.10	0.519	0.435	---	---	14
15	---	---	0.2948	3.58	0.884	9.97	2.24	1.02	0.510	0.383	---	---	15
16	---	---	0.2988	3.08	1.86	10.0	2.11	0.971	0.513	0.376	---	---	16
17	---	---	0.3008	2.70	4.42	10.1	1.98	0.894	0.469	0.480	---	---	17
18	---	---	0.3018	2.40	6.52	9.93	1.87	0.828	0.423	0.507	---	---	18
19	---	---	0.3258	2.26	6.65	9.65	1.78	0.772	0.453	0.680	---	---	19
20	---	---	0.3298	2.05	7.13	9.47	1.75	0.735	0.476	0.757	---	---	20
21	---	---	0.3868	1.88	8.29	9.11	1.77	0.729	0.461	0.780	---	---	21
22	---	---	0.4458	1.69	8.65	8.73	1.73	0.701	0.497	0.816	---	---	22
23	---	---	0.4938	1.69	9.21	8.35	1.67	0.699	0.501	0.9488	---	---	23
24	---	---	0.5378	1.59	9.71	7.92	1.57	0.683	0.519	0.9318	---	---	24
25	---	---	0.5988	1.48	10.1	7.47	1.48	0.639	0.534	0.9418	---	---	25
26	---	---	0.6408	1.40	10.8	7.02	1.39	0.667	0.552	0.8938	---	---	26
27	---	---	0.6848	1.32	11.3	6.55	1.32	0.651	0.556	0.8298	---	---	27
28	---	---	0.7588	1.19	12.2	6.16	1.26	0.670	0.548	0.7658	---	---	28
29	---	---	0.8988	1.09	13.2	5.72	1.19	0.641	0.526	0.7098	---	---	29
30	---	---	1.158	0.991	13.3	5.37	1.14	0.617	0.522	0.6588	---	---	30
31	---	---	1.548		13.2		1.07	0.634		0.6018	---	---	31
TOTAL	---	---	13.853	124.691	159.501	289.87	73.72	28.607	15.685	18.326	---	---	TOTAL
MEAN	---	---	0.447	4.16	5.15	9.66	2.38	0.923	0.523	0.591	---	---	MEAN
MAX	---	---	1.54	11.3	13.3	12.9	4.94	1.40	0.698	0.948	---	---	MAX
MIN	---	---	0.255	0.991	0.735	5.37	1.07	0.617	0.423	0.376	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.56
MAXIMUM DAILY, 13.3 ON MAY 30
MINIMUM DAILY, 0.2558 ON MAR 1
MAXIMUM INSTANTANEOUS,
13.5 AT 15:02 CST ON MAY 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 50 N
LONG 108 48 20 W
DRAINAGE AREA, 2 740 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 370
FEB	---	AUG	2 470
MAR	1 200	SEP	1 360
APR	10 600	OCT	1 580
MAY	13 800	NOV	---
JUN	25 000	DEC	---

TOTAL DISCHARGE, 62 600 dam³

MALONECK CREEK NEAR PELLY - STATION NO 05LE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0028	2.22 B	0.538	1.63	0.238	0.001	0	0.041	0.0378	---	1
2	---	---	0.0028	2.84 B	0.500	1.41	0.197	0.001	0	0.041	0.0378	---	2
3	---	---	0.0028	3.72 B	0.448	1.13	0.163	0.001	0	0.040	0.0368	---	3
4	---	---	0.0028	3.75 B	0.402	0.919	0.121	0.001	0	0.040	0.0368	---	4
5	---	---	0.0028	3.26 B	0.364	0.715	0.098	0.001	0	0.038	0.0358	---	5
6	---	---	0.0028	2.96	0.334	0.597	0.083	0.001	0	0.038	0.0808	---	6
7	---	---	0.0028	2.75	0.315	1.35	0.068	0.001	0	0.040	0.0408	---	7
8	---	---	0.0028	2.44	0.285	2.84	0.038	0.001	0	0.047	---	---	8
9	---	---	0.0028	2.09	0.258	3.78	0.019	0.001	0	0.042	---	---	9
10	---	---	0.0028	1.91	0.362	3.93	0.030	0.001	0	0.038	---	---	10
11	---	---	0.0028	1.73	0.478	3.29	0.010	0.001	0	0.042	---	---	11
12	---	---	0.0028	1.59	0.519	2.42	0.012	0.001	0	0.043	---	---	12
13	---	---	0.0028	1.55	0.575	1.91	0.008	0.001	0	0.040	---	---	13
14	---	---	0.0028	1.52	0.604	1.47	0.005	0.001	0	0.039	---	---	14
15	---	---	0.0028	1.40	0.588	1.17	0.003	0.001	0	0.043	---	---	15
16	---	---	0.0028	1.21	0.553	0.939	0.005	0.001	0	0.059	---	---	16
17	---	---	0.0028	1.01	1.82	0.695	0.001	0.001	0	0.072	---	---	17
18	---	---	0.0028	0.822	3.59	0.500	0.189	0.001	0	0.084	---	---	18
19	---	---	0.0028	0.759	3.98	0.376	0.015	0.005	0	0.083	---	---	19
20	---	---	0.0088	0.581	3.98	0.459	0.049	0.003	0	0.080	---	---	20
21	---	---	0.0208	0.498	3.63	0.371	0.005	0.002	0.001	0.072	---	---	21
22	---	---	0.0308	0.441	3.20	0.333	0.003	0.001	0.003	0.068	---	---	22
23	---	---	0.0608	0.388	2.90	0.627	0.001	0.001	0.030	0.062	---	---	23
24	---	---	0.0908	0.371	3.31	0.677	0.001	0.001	0.050	0.057	---	---	24
25	---	---	0.1508	0.486	3.51	0.566	0.002	0.001	0.040	0.045	---	---	25
26	---	---	0.3508	0.590	3.89	0.439	0.001	0	0.020	0.0418	---	---	26
27	---	---	0.5808	0.618	3.62	0.386	0.001	0	0.025	0.0398	---	---	27
28	---	---	0.8208	0.591	3.33	0.298	0.001	0	0.030	0.0398	---	---	28
29	---	0.0028	0.7588	0.601	2.75	0.225	0.001	0	0.042	0.0398	---	---	29
30	---		1.098	0.578	2.31	0.207	0.001	0	0.042	0.0388	---	---	30
31	---		1.708		1.95		0.001	0		0.0388		---	31
TOTAL	---	---	5.684	45.234	54.672	35.439	1.368	0.032	0.283	1.528	---	---	TOTAL
MEAN	---	---	0.183	1.51	1.76	1.18	0.044	0.001	0.009	0.049	---	---	MEAN
MAX	---	---	1.70	3.75	3.98	3.93	0.236	0.005	0.050	0.084	---	---	MAX
MIN	---	---	0.002	0.388	0.258	0.207	0.001	0	0	0.038	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.589
MAXIMUM DAILY, 3.98 ON MAY 19
MINIMUM DAILY, 0 ON AUG 26
MAXIMUM INSTANTANEOUS,
4.508 AT 18:01 CST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 58 05 N
LONG 101 54 50 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	118
FEB	---	AUG	2.76
MAR	481	SEP	24.5
APR	3 910	OCT	132
MAY	4 720	NOV	---
JUN	3 080	DEC	---

TOTAL DISCHARGE, 12 500 dam³

MANITO LAKE NEAR MARSDEN - STATION NO. 05GA005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	24.609	24.652	24.558	24.415	---	---	---	1
2	---	---	---	---	---	24.628	24.647	24.556	24.410	---	---	---	2
3	---	---	---	---	---	24.618	24.647	24.558	24.405	---	---	---	3
4	---	---	---	---	---	24.618	24.642	24.558	---	---	---	---	4
5	---	---	---	---	---	24.608	24.642	24.556	---	---	---	---	5
6	---	---	---	---	---	24.613	24.642	24.551	---	---	24.342	---	6
7	---	---	---	---	---	24.633	24.642	24.546	---	---	---	---	7
8	---	---	---	---	---	24.638	24.637	24.548	---	---	---	---	8
9	---	---	---	---	---	24.648	24.637	24.545	---	---	---	---	9
10	---	---	---	---	---	24.648	24.637	24.545	---	---	---	---	10
11	---	---	---	---	---	24.653	24.637	24.546	---	---	---	---	11
12	---	---	---	---	---	24.653	24.632	24.541	---	---	---	---	12
13	---	---	---	---	---	24.653	24.607	24.536	---	---	---	---	13
14	---	---	---	---	---	24.648	24.607	24.525	---	---	---	---	14
15	---	---	---	---	---	24.653	24.607	24.526	---	---	---	---	15
16	---	---	---	---	---	24.648	24.602	24.526	---	---	---	---	16
17	---	---	---	---	---	24.653	24.602	24.515	---	---	---	---	17
18	---	---	---	---	---	24.658	24.607	24.505	---	---	---	---	18
19	---	---	---	---	---	24.658	24.602	24.505	---	---	---	---	19
20	---	---	---	---	---	24.653	24.587	24.505	---	---	---	---	20
21	---	---	---	---	---	24.653	24.587	24.490	---	---	---	---	21
22	---	---	---	---	24.622	24.658	24.587	24.485	---	---	---	---	22
23	---	---	---	---	24.620E	24.658	24.586	24.485	---	---	---	---	23
24	---	---	---	---	24.626E	24.658	24.586	24.485	---	---	---	---	24
25	---	---	---	---	24.631E	24.653	24.586	24.485	---	---	---	---	25
26	---	---	---	---	24.637	24.653	24.586	24.480	---	---	---	---	26
27	---	---	---	---	24.639	24.653	24.586	24.455	---	---	---	---	27
28	---	---	---	---	24.629	24.652	24.586	24.445	---	---	---	---	28
29	---	---	---	---	24.629	24.647	24.586	24.440	---	---	---	---	29
30	---		---	---	24.629	24.652	24.556	24.435	---	---	---	---	30
31	---		---		24.618		24.556	24.425		---		---	31
MEAN	---	---	---	---	---	24.644	24.609	24.511	---	---	---	---	MEAN
MAX	---	---	---	---	---	24.658	24.652	24.556	---	---	---	---	MAX
MIN	---	---	---	---	---	24.608	24.556	24.425	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 24.658 ON JUN 18

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 47 33 N
LONG 109 47 14 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MAPLE CREEK BELOW JUNCTION RESERVOIR - STATION NO. 05HA076

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0058	0.001	2.14	0	0	0	0	0.008	---	---	1
2	---	---	0.0058	0.001	2.14	0	0	0	0	0.007	---	---	2
3	---	---	0.0058	0.002	2.14	0	0	0	0	0.007	---	---	3
4	---	---	0.0058	0.002	2.13	0	0	0	0	0.005	---	---	4
5	---	---	0.0048	0.003	2.12	0	0	0	0	0.009	---	---	5
6	---	---	0.0058	0.003	2.12	0	0	0	0	0.008	---	---	6
7	---	---	0.0048	0.002	2.11	0	0	0	0	0.009	---	---	7
8	---	---	0.0048	0.002	2.10	0	0	0	0	0.009	---	---	8
9	---	---	0.0048	0.004	1.88	0	0	0	0	0.010	---	---	9
10	---	---	0.0048	0.003	1.77	0	0	0	0	0.010	---	---	10
11	---	---	0.0058	0.004	1.75	0	0	0	0	0.010	---	---	11
12	---	---	0.0058	0.004	1.77	0.001	0	0	0	0.010	---	---	12
13	---	---	0.0058	0.004	1.78	0.002	0	0	0	0.010	---	---	13
14	---	0.0108	0.0058	0.004	1.38	0.001	0	0	0	0.008	---	---	14
15	---	0.0098	0.0088	0.004	0.389	0	0	0	0	0.007	---	---	15
16	---	0.0078	0.0088	0.004	0.005	0	0	0	0	0.008	---	---	16
17	---	0.0058	0.0088	0.004	0.004	0	0	0	1.08	0.010	---	---	17
18	---	0.0058	0.007	0.005	0.002	0	0	0	2.18	0.011	---	---	18
19	---	0.0058	0.007	0.005	0	0	0	0	1.03	0.010	---	---	19
20	---	0.0068	0.006	0.005	0.001	0	0	0	0.022	0.009	---	---	20
21	---	0.0088	0.007	0.004	0.001	0	0	0	0.018	0.007	---	---	21
22	---	0.0058	0.008	0.005	0	0	0	0	0.015	0.007	---	---	22
23	---	0.0068	0.006	0.005	0	0.001	0	0	0.012	0.008	---	---	23
24	---	0.0078	0.006	1.33	0	0.001	0	0	0.010	0.006	---	---	24
25	---	0.0078	0.005	2.28	0	0	0	0	0.010	0.006	---	---	25
26	---	0.0078	0.004	2.24	0	0	0	0	0.010	0.005	---	---	26
27	---	0.0068	0.003	2.22	0	0	0	0	0.007	0.0058	---	---	27
28	---	0.0068	0.002	2.18	0	0	0	0	0.008	0.0058	---	---	28
29	---	0.0068	0.001	2.17	0	0	0	0	0.007	0.0048	---	---	29
30	---		0.001	2.15	0	0	0	0	0.009	0.0048	---	---	30
31	---		0.001		0		0	0		0.0048		---	31
TOTAL	---	---	0.147	14.650	27.783	0.006	0	0	4.396	0.240	---	---	TOTAL
MEAN	---	---	0.005	0.488	0.897	0	0	0	0.147	0.008	---	---	MEAN
MAX	---	---	0.008	2.28	2.14	0.002	0	0	2.18	0.011	---	---	MAX
MIN	---	---	0.001	0.001	0	0	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.193
MAXIMUM DAILY, 2.28 ON APR 25
MINIMUM DAILY, 0 ON MAY 15
MAXIMUM INSTANTANEOUS,
2.48 AT 12:00 CST ON APR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 52 N
LONG 109 31 22 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	12.7	SEP	380
APR	1 270	OCT	20.7
MAY	2 400	NOV	---
JUN	0.52	DEC	---

TOTAL DISCHARGE, 4 080 dam³

MAREAN LAKE NEAR CHELAN - STATION NO. 05LB012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	
2	---	---	---	---	---	532.738	---	532.669	---	---	---	---	1
3	---	---	---	---	---	---	532.738	---	---	---	---	---	2
4	---	---	---	---	---	---	---	---	---	---	---	---	3
5	---	---	---	---	---	---	---	---	---	---	---	---	4
													5
6	---	---	---	---	---	532.738	532.738	532.668	---	---	---	---	
7	---	---	---	---	---	532.738	---	---	---	---	---	---	6
8	---	---	---	---	---	---	---	---	---	---	---	---	7
9	---	---	---	---	---	---	---	---	---	---	---	---	8
10	---	---	---	---	---	---	---	---	---	---	---	---	9
													10
11	---	---	---	---	---	---	532.739	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	11
13	---	---	---	---	---	532.808	---	532.640	---	---	---	---	12
14	---	---	---	---	---	---	---	---	---	---	---	---	13
15	---	---	---	---	532.715	---	---	532.637	---	---	---	---	14
													15
16	---	---	---	---	---	---	---	---	---	---	---	---	
17	---	---	---	---	---	---	532.729	---	---	---	---	---	16
18	---	---	---	---	---	---	---	---	---	---	---	---	17
19	---	---	---	---	532.727	---	---	532.610	---	---	---	---	18
20	---	---	---	---	---	532.808	532.719	---	---	---	---	---	19
													20
21	---	---	---	---	---	---	---	---	---	---	---	---	
22	---	---	---	---	---	---	---	---	---	---	---	---	21
23	---	---	---	---	---	---	---	532.585	---	---	---	---	22
24	---	---	---	---	---	532.808	---	---	---	---	---	---	23
25	---	---	---	---	---	---	532.699	---	---	---	---	---	24
													25
26	---	---	---	---	---	---	---	---	---	---	---	---	
27	---	---	---	---	532.727	---	---	---	---	---	---	---	26
28	---	---	---	---	---	---	---	---	---	---	---	---	27
29	---	---	---	---	---	---	---	---	---	---	532.555	---	28
30	---		---	---	532.737	---	532.686	532.586	---	---	---	---	29
31	---		---	---	532.737		---	---	---	---	---	---	30
								532.534		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 29 57 N
LONG 103 34 29 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MCDONALD CREEK NEAR MCCORD - STATION NO 05JA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0.001B	0.017	0.001	0	0	0	0	0	0B	---	1
2	---	0 B	0.001B	0.016	0.001	0	0	0	0	0	0B	---	2
3	---	0 B	0.001B	0.014	0.001	0	0	0	0	0	0B	---	3
4	---	0 B	0.001B	0.013	0.001	0	0	0	0	0	0B	---	4
5	---	0 B	0.001B	0.010	0.001	0	0	0	0	0	0B	---	5
6	---	0 B	0.001B	0.008	0.001	0.002	0	0	0	0	0B	---	6
7	---	0 B	0.001B	0.007	0.001	0.001	0	0	0	0	0B	---	7
8	---	0 B	0 B	0.006	0.001	0.001	0	0	0	0	---	---	8
9	---	0 B	0 B	0.005	0.001	0.001	0	0	0	0	---	---	9
10	---	0 B	0 B	0.006	0.001	0.001	0	0	0	0	---	---	10
11	---	0 B	0 B	0.005	0.001	0.001	0	0	0	0	---	---	11
12	---	0 B	0 B	0.004	0.001	0.001	0	0	0	0	---	---	12
13	---	0 B	0 B	0.004	0.001	0	0	0	0	0	---	---	13
14	---	0.001B	0 B	0.003	0	0	0	0	0	0	---	---	14
15	---	0.001B	0 B	0.003	0	0	0	0	0	0	---	---	15
16	---	0.001B	0 B	0.002	0	0	0	0	0	0B	---	---	16
17	---	0.001B	0 B	0.002	0	0	0	0	0	0B	---	---	17
18	---	0.001B	0.001B	0.001	0	0	0	0	0	0B	---	---	18
19	---	0.001B	0.001B	0.001	0	0	0	0	0	0B	---	---	19
20	---	0.001B	0.001B	0.001	0	0	0	0	0	0B	---	---	20
21	---	0.001B	0.001B	0.001	0	0	0	0	0	0B	---	---	21
22	---	0.001B	0.001B	0.001	0	0	0	0	0	0B	---	---	22
23	---	0.001B	0.002B	0.001	0	0	0	0	0	0B	---	---	23
24	---	0.001B	0.024	0.001	0	0	0	0	0	0B	---	---	24
25	---	0.001B	0.037	0.001	0	0	0	0	0	0B	---	---	25
26	---	0.001B	0.061	0.001	0	0	0	0	0	0B	---	---	26
27	---	0.001B	0.051	0.001	0	0	0	0	0	0B	---	---	27
28	---	0.001B	0.039	0.002	0	0	0	0	0	0B	---	---	28
29	---	0.001B	0.029	0.003	0	0	0	0	0	0B	---	---	29
30	---		0.024	0.002	0	0	0	0	0	0B	---	---	30
31	---		0.019		0		0	0		0B		---	31
TOTAL	---	0.016	0.298	0.143	0.013	0.008	0	0	0	0	---	---	TOTAL
MEAN	---	0.001	0.010	0.005	0	0	0	0	0	0	---	---	MEAN
MAX	---	0.001	0.061	0.017	0.001	0.002	0	0	0	0	---	---	MAX
MIN	---	0	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.061 ON MAR 26
MINIMUM DAILY, 0B ON MAR 8
MAXIMUM INSTANTANEOUS,
0.085 AT 14:48 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 14 N
LONG 106 50 05 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	1.38	AUG	0
MAR	25.7	SEP	0
APR	12.4	OCT	0
MAY	1.12	NOV	---
JUN	0.69	DEC	---

TOTAL DISCHARGE, 39.9 dam³

MCDONALD TRIBUTARY NEAR TOTNES - STATION NO 05HP015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005B	0.001	0	0	0	0	0	---	---	1
2	---	---	0 B	0.005B	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.006B	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.008B	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.008B	0.002	0	0	0	0	0	---	---	5
6	---	---	0 B	0.007B	0.002	0	0	0	0	0	---	---	6
7	---	---	0 B	0.008B	0.002	0.007	0	0	0	0	---	---	7
8	---	---	0 B	0.010B	0.002	0.004	0	0	0	0	---	---	8
9	---	---	0 B	0.013	0.003	0.004	0	0	0	0	---	---	9
10	---	---	0 B	0.011	0.002	0.003	0	0	0	0	---	---	10
11	---	---	0 B	0.008	0.002	0.003	0	0	0	0	---	---	11
12	---	---	0 B	0.005	0.002	0.002	0	0	0	0	---	---	12
13	---	---	0 B	0.005	0.001	0	0	0	0	0	---	---	13
14	---	---	0 B	0.004	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.004	0	0.001	0	0	0	0	---	---	15
16	---	---	0 B	0.004	0.007	0.017	0	0	0	0	---	---	16
17	---	---	0 B	0.004	0.007	0.007	0	0	0	0	---	---	17
18	---	---	0 B	0.004	0.003	0.004	0	0	0	0	---	---	18
19	---	---	0 B	0.003	0.003	0.003	0	0	0	0	---	---	19
20	---	---	0.0028	0.003	0.002	0.002	0	0	0	0	---	---	20
21	---	---	0.020B	0.002	0.001	0.006	0	0	0	0	---	---	21
22	---	---	0.023B	0.002	0	0.037	0	0	0	0	---	---	22
23	---	---	0.021B	0.002	0	0.012	0	0	0	0	---	---	23
24	---	---	0.016B	0.003	0	0.004	0	0	0	0	---	---	24
25	---	---	0.020B	0.003	0	0.003	0	0	0	0	---	---	25
26	---	---	0.017B	0.003	0	0.002	0	0	0	0	---	---	26
27	---	---	0.019B	0.003	0	0.001	0	0	0	0	---	---	27
28	---	---	0.013B	0.002	0	0	0	0	0	0	---	---	28
29	---	---	0.008B	0.002	0	0	0	0	0	0	---	---	29
30	---		0.005B	0.001	0	0	0	0	0	0	---	---	30
31	---		0.004B		0		0	0		0		---	31
TOTAL	---	---	0.168	0.146	0.042	0.133	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.005	0.005	0.001	0.004	0	0	0	0	---	---	MEAN
MAX	---	---	0.023	0.013	0.007	0.037	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.037 ON JUN 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.068 AT 04:15 CST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 20 04 N
LONG 108 28 58 W
DRAINAGE AREA, 46.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	14.5	SEP	0
APR	12.6	OCT	0
MAY	3.83	NOV	---
JUN	10.5	DEC	---

TOTAL DISCHARGE, 41.2 dam³

MCKINNON DITCH NEAR CONSUL - STATION NO 11AB044

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0.002	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0.038A	0	0	0	0	0	---	---	13
14	---	---	0	0	0.029	0	0	0	0	0	---	---	14
15	---	---	0	0	0.452	0	0	0	0	0	---	---	15
16	---	---	0	0	0.730	0	0	0	0	0	---	---	16
17	---	---	0	0	0.901	0	0	0	0	0	---	---	17
18	---	---	0	0	0.880	0	0	0	0	0	---	---	18
19	---	---	0	0	0.891	0	0	0	0	0	---	---	19
20	---	---	0	0	0.850	0	0	0	0	0	---	---	20
21	---	---	0	0	0.774	0	0	0	0	0	---	---	21
22	---	---	0	0	0.887	0	0	0	0	0	---	---	22
23	---	---	0	0	0.887	0	0	0	0	0	---	---	23
24	---	---	0	0	0.895	0	0	0	0	0	---	---	24
25	---	---	0	0	0.549	0	0	0	0	0	---	---	25
26	---	---	0	0	0.438	0	0	0	0	0	---	---	26
27	---	0	0	0	0.300	0	0	0	0	0	---	---	27
28	---	0	0	0	0.243	0	0	0	0	0	---	---	28
29	---	0	0	0	0.195	0	0	0	0	0	---	---	29
30	---		0	0	0.183	0	0	0	0	0	---	---	30
31	---		0		0.151		0	0		0		---	31
TOTAL	---	---	0	0	10.057	0.002	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.324	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.901	0.002	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 0.901 ON MAY 17
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 20 00 N
LONG 105 29 40 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	889	NOV	---
JUN	0.17	DEC	---

TOTAL DISCHARGE, 889 dam³

MEADOW RIVER BELOW MEADOW LAKE - STATION NO 05AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.037 B	0.0	0.0 B	0.028 B	2.53	17.2	16.5	4.94	1.40	1.08	0.810 B	1.16 B	1
2	0.033 B	0.0	0.0 B	0.048 B	2.85	17.6	15.3	4.29	1.25	1.05	0.829 B	1.16 B	2
3	0.029 B	0.0	0.0 B	0.092 B	2.55	18.3	14.7	4.04	1.22	1.18	0.842 B	1.15 B	3
4	0.023 B	0.0	0.0 B	0.160 B	2.11	18.1	14.5	3.78	1.41	1.35	0.862 B	1.14 B	4
5	0.018 B	0.0	0.0 B	0.234 B	1.98	18.0	14.1	3.54	1.38	1.09	0.874 B	1.09 B	5
6	0.012 B	0.0	0.0 B	0.334 B	1.84	17.9	14.3	3.41	1.43	1.13	0.874 B	1.06 B	6
7	0.006 B	0.0	0.0 B	0.458 B	1.69	17.6	12.4	3.57	1.45	1.11	0.860 B	1.07 B	7
8	0.006 B	0.0	0.0 B	0.587 B	1.79	18.2	11.8	3.57	1.62	1.06	0.868 B	1.06 B	8
9	0.006 B	0.0	0.0 B	0.770	1.79	19.3	11.4	3.77	1.58	1.05	0.778 B	1.04 B	9
10	0.006 B	0.0	0.0 B	0.974	1.52	20.6	10.9	3.59	1.54	1.07	0.782 B	1.00 B	10
11	0.005 B	0.0	0.0 B	1.15	1.69	22.1	10.6	3.33	1.59	1.07	0.752 B	0.855 B	11
12	0.004 B	0.0	0.0 B	1.33	1.59	23.8	10.2	3.33	1.54	0.982	0.747 B	0.747 B	12
13	0.003 B	0.0	0.0 B	1.51	2.05	25.0	10.2	3.13	1.49	0.873	0.752 B	0.635 B	13
14	0.002 B	0.0	0.0 B	1.70	2.05	26.0	10.3	2.51	1.47	0.759	0.757 B	0.542 B	14
15	0.001 B	0.0	0.0 B	1.85	1.71	26.4	9.84	2.84	1.50	0.748	0.768 B	0.467 B	15
16	0.0 B	0.0	0.0 B	1.96	1.51	26.6	9.50	2.49	1.44	0.853	0.836 B	0.414 B	16
17	0.0 B	0.0	0.0 B	2.05	1.54	26.3	9.19	2.51	1.33	0.949	0.900 B	0.371 B	17
18	0.0 B	0.0	0.0 B	2.15	2.75	26.2	8.73	2.40	1.37	1.05	0.922 B	0.345 B	18
19	0.0 B	0.0	0.0 B	2.51	4.85	26.1	8.51	2.21	1.26	1.01	0.943 B	0.302 B	19
20	0.0 B	0.0	0.0 A	2.58	6.79	25.1	8.29	1.99	1.31	0.984	0.978 B	0.258 B	20
21	0.0 B	0.0	0.0 B	2.82	8.10	24.5	7.89	2.05	1.37	0.971	1.01 B	0.205 B	21
22	0.0 B	0.0	0.0 B	2.63	10.4	23.7	7.14	2.05	1.38	0.931	1.04 B	0.168 B	22
23	0.0 B	0.0	0.0018 B	2.46	13.3	23.0	7.39	1.90	1.41	0.978	1.06 B	0.143 B	23
24	0.0 B	0.0	0.0028 B	2.32	14.7	22.3	7.19	1.77	1.41	0.980	1.15 B	0.119 B	24
25	0.0 B	0.0	0.0048 B	2.28	16.2	21.2	6.83	1.78	1.38	0.991	1.16 B	0.0978 B	25
26	0.0 B	0.0	0.0058 B	2.35	17.3	20.8	6.56	1.71	1.27	0.820	1.19 B	0.0748 B	26
27	0.0 B	0.0	0.0068 B	2.43	18.1	20.2	6.28	1.87	1.27	1.01 B	1.17 B	0.0558 B	27
28	0.0 B	0.0	0.0078 B	2.29	18.6	19.5	5.73	1.23	1.27	0.8598 B	1.15 B	0.0438 B	28
29	0.0 B	0.0	0.0088 B	2.38	19.1	19.2	5.41	0.908 B	1.28	0.8058 B	1.16 B	0.0328 B	29
30	0.0 B		0.0089 B	2.40	19.3	18.6	5.17	1.27	1.28	0.7638 B	1.17 B	0.0208 B	30
31	0.0 B		0.0158 B		18.2		4.93	1.41		0.7928 B		0.0158 B	31
TOTAL	0.191	0	0.056	46.673	220.04	647.4	301.56	82.820	41.99	30.179	27.954	18.857	TOTAL
MEAN	0.006	0	0.002	1.56	7.10	21.6	9.73	2.67	1.40	0.974	0.932	0.544	MEAN
MAX	0.037	0	0.015	2.82	19.3	26.6	16.5	4.54	1.62	1.35	1.19	1.16	MAX
MIN	0	0	0	0.028	1.51	16.6	4.93	0.908	1.25	0.883	0.747	0.015	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 26.6 ON JUN 16
MINIMUM DAILY, 0.0 ON JAN 16
MAXIMUM INSTANTANEOUS,
27.4 AT 11:45 CST ON JUN 19

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 08 10 N
LONG 108 23 40 W
DRAINAGE AREA, 3 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 5	JUL	26 100
FEB	0	AUG	7 140
MAR	4 84	SEP	3 630
APR	4 030	OCT	2 610
MAY	19 000	NOV	2 420
JUN	55 900	DEC	1 460

TOTAL DISCHARGE, 122 000 dam³

MIDDLE CREEK ABOVE LODGE CREEK - STATION NO 11AB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 08 01 N
LONG 109 49 02 W
DRAINAGE AREA, 717 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR - STATION NO 11AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0 122	0	0	0	0	0	---	---	1
2	---	---	0	0	0 093	0	0	0	0	0	---	---	2
3	---	---	0	0	0 105	0	0	0	0	0	---	---	3
4	---	---	0	0	0 088	0	0	0	0	0	---	---	4
5	---	---	0	0	0 092	0	0	0	0	0	---	---	5
6	---	---	0	0	0 076	0	0	0	0	0	---	---	6
7	---	---	0	0	0 080	0	0	0	0	0	---	---	7
8	---	---	0	0	0 028	0	0	0	0	0	---	---	8
9	---	---	0	0	0 061	0	0	0	0	0	---	---	9
10	---	---	0	0	0 035	0	0	0	0	0	---	---	10
11	---	---	0	0	0 005	0	0	0	0	0	---	---	11
12	---	---	0	0	0 001	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	0	0	0	0	0	0	0	0	0	---	---	14
15	---	0	0	0	0	0	0	0	0	0	---	---	15
16	---	0	0	0	0	0	0	0	0	0	---	---	16
17	---	0	0	0	0	0	0	0	0	0	---	---	17
18	---	0	0	0	0	0	0	0	0	0	---	---	18
19	---	0	0	0	0	0	0	0	0	0	---	---	19
20	---	0	0	0	0	0	0	0	0	0	---	---	20
21	---	0	0	0	0	0	0	0	0	0	---	---	21
22	---	0	0	0	0	0	0	0	0	0	---	---	22
23	---	0	0	0	0	0	0	0	0	0	---	---	23
24	---	0	0	0	0	0	0	0	0	0	---	---	24
25	---	0	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0 010	0	0	0	0	0	0	---	---	30
31	---		0	0 126	0		0	0		0		---	31
TOTAL	---	---	0	0 136	0 787	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0 005	0 026	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0 126	0 122	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 004
MAXIMUM DAILY, 0 126 ON APR 30
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 163 AT 17 06 CST ON APR 30

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 44 N
LONG 109 55 06 W
DRAINAGE AREA, 385 km²

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	11 8	OCT	0
MAY	85 4	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 77 2 dam³

MIDDLE CREEK NEAR COYENLOCK - STATION NO 11AB108

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0 B	0 0088	0 061	0 033	0 007	0	0	0	0	---	---	1
2	---	0 B	0 0093	0 050	0 030	0 004	0	0	0	0	---	---	2
3	---	0 B	0 0108	0 044	0 029	0 003	0	0	0	0	---	---	3
4	---	0 B	0 0138	0 036	0 023	0 002	0A	0	0	0	---	---	4
5	---	0 B	0 0188	0 032	0 022	0 002	0	0	0	0	---	---	5
6	---	0 B	0 0188	0 028	0 018	0 002	0	0	0	0	---	---	6
7	---	0 B	0 0228	0 031	0 020	0 003	0	0	0	0	---	---	7
8	---	0 B	0 0268	0 035	0 047	0 003	0	0	0	0	---	---	8
9	---	0 B	0 0318	0 027	0 055	0 003	0	0	0	0	---	---	9
10	---	0 B	0 0358	0 032	0 047	0 003	0	0	0	0	---	---	10
11	---	0 B	0 0388	0 021	0 043	0 002	0	0	0	0	---	---	11
12	---	0 B	0 0398	0 136	0 043	0 002	0	0	0	0	---	---	12
13	---	0 B	0 0358	0 031	0 039	0 001	0	0	0	0	---	---	13
14	---	0 B	0 0388	0 018	0 038	0 001	0	0	0	0	---	---	14
15	---	0 B	0 0378	0 030	0 040	0 001	0	0	0	0	---	---	15
16	---	0 B	0 0368	0 031	0 051	0 001	0	0	0	0	---	---	16
17	---	0 0088	0 0358	0 017	0 045	0 001	0	0	0	0	---	---	17
18	---	0 0258	0 0348	0 013	0 034	0 001	0	0	0	0	---	---	18
19	---	0 0288	0 0388	0 014	0 028	0 001	0	0	0	0	---	---	19
20	---	0 0198	0 0448	0 012	0 035	0 001	0	0	0	0	---	---	20
21	---	0 0048	0 0818	0 068	0 021	0 001	0	0	0	0	---	---	21
22	---	0 0018	0 0838	0 053	0 018	0 001	0	0	0	0	---	---	22
23	---	0 0018	0 0728	0 037	0 017	0	0	0	0	0	---	---	23
24	---	0 0028	0 0838	0 034	0 015	0 001	0	0	0	0	---	---	24
25	---	0 0048	0 0788	0 031	0 015	0 001	0	0	0	0	---	---	25
26	---	0 0058	0 0858	0 027	0 013	0 001	0	0	0	08	---	---	26
27	---	0 0078	0 1048	0 026	0 018	0 001	0	0	0	08	---	---	27
28	---	0 0078	0 0858	0 035	0 016	0 001	0	0	0	08	---	---	28
29	---	0 0078	0 0928	0 035	0 015	0 001	0	0	0	08	---	---	29
30	---		0 0788	0 038	0 013	0	0	0	0	08	---	---	30
31	---		0 0718		0 009		0	0		08		---	31
TOTAL	---	0 118	1 462	1 050	0 879	0 052	0	0	0	0	---	---	TOTAL
MEAN	---	0 004	0 047	0 035	0 028	0 002	0	0	0	0	---	---	MEAN
MAX	---	0 028	0 104	0 136	0 055	0 007	0	0	0	0	---	---	MAX
MIN	---	0	0 008	0 012	0 009	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 014
MAXIMUM DAILY, 0 136 ON APR 12
MINIMUM DAILY, 0 ON JUN 23
MAXIMUM INSTANTANEOUS,
0 294 AT 08 15 CST ON APR 12

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 42 N
LONG 109 48 57 W
DRAINAGE AREA, 895 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	10 3	AUG	0
MAR	135	SEP	0
APR	90 7	OCT	0
MAY	75 8	NOV	---
JUN	4 49	DEC	---

TOTAL DISCHARGE, 295 dam³

MIDDLE CREEK RESERVOIR - STATION NO 11AB080

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1027 588	1027 222	1027 105	DRY	DRY	DRY	DRY	---	---	1
2	---	---	---	1027 591	1027 237	1027 053	DRY	DRY	DRY	DRY	---	---	2
3	---	---	---	1027 574A	1027 224	1027 057	DRY	DRY	DRY	DRY	---	---	3
4	---	---	---	1027 559	1027 210	1027 064	DRY	DRY	DRY	DRY	---	---	4
5	---	---	---	1027 561	1027 190	1027 054	DRY	DRY	DRY	DRY	---	---	5
6	---	---	---	1027 563	1027 171	1027 021	DRY	DRY	DRY	DRY	---	---	6
7	---	---	---	1027 573	1027 172	1027 055	DRY	DRY	DRY	DRY	---	---	7
8	---	---	---	1027 585	1027 191	1027 042	DRY	DRY	DRY	DRY	---	---	8
9	---	---	---	1027 584	1027 229	1027 003	DRY	DRY	DRY	DRY	---	---	9
10	---	---	---	1027 567	1027 158	1026 910	DRY	DRY	DRY	DRY	---	---	10
11	---	---	---	1027 564	1027 151E	DRY	DRY	DRY	DRY	DRY	---	---	11
12	---	---	---	1027 560	1027 145E	DRY	DRY	DRY	DRY	DRY	---	---	12
13	---	---	1027 630A	1027 554	1027 138E	DRY	DRY	DRY	DRY	DRY	---	---	13
14	---	1027 565A	---	1027 555	1027 132E	DRY	DRY	DRY	DRY	DRY	---	---	14
15	---	---	---	1027 548	1027 125E	DRY	DRY	DRY	DRY	DRY	---	---	15
16	---	---	---	1027 527	1027 122E	DRY	DRY	DRY	DRY	DRY	---	---	16
17	---	---	---	1027 488	1027 120E	DRY	DRY	DRY	DRY	DRY	---	---	17
18	---	---	---	1027 474	1027 118E	DRY	DRY	DRY	DRY	DRY	---	---	18
19	---	---	---	1027 456	1027 115E	DRY	DRY	DRY	DRY	DRY	---	---	19
20	---	1027 579A	---	1027 441	1027 112E	DRY	DRY	DRY	DRY	DRY	---	---	20
21	---	---	---	1027 443	1027 110E	DRY	DRY	DRY	DRY	DRY	---	---	21
22	---	---	---	1027 398	1027 108E	DRY	DRY	DRY	DRY	DRY	---	---	22
23	---	---	---	1027 371	1027 102E	DRY	DRY	DRY	DRY	DRY	---	---	23
24	---	---	---	1027 345	1027 099E	DRY	DRY	DRY	DRY	DRY	---	---	24
25	---	---	---	1027 287	1027 095E	DRY	DRY	DRY	DRY	DRY	---	---	25
26	---	---	1027 621A	1027 204	1027 081E	DRY	DRY	DRY	DRY	DRY	---	---	26
27	---	---	1027 622	1027 251	1027 088E	DRY	DRY	DRY	DRY	DRY	---	---	27
28	---	---	1027 619	1027 255	1027 081E	DRY	DRY	DRY	DRY	DRY	---	---	28
29	---	1027 600E	1027 617	1027 245	1027 077E	DRY	DRY	DRY	DRY	DRY	---	---	29
30	---		1027 605	1027 231	1027 073A	DRY	DRY	DRY	DRY	DRY	---	---	30
31	---		1027 598		1027 153		DRY	DRY		DRY		---	31
MEAN	---	---	---	1027 463	1027 140	---	DRY	DRY	DRY	DRY	---	---	MEAN
MAX	---	---	---	1027 591	1027 237	1027 105	DRY	DRY	DRY	DRY	---	---	MAX
MIN	---	---	---	1027 204	1027 073	DRY	DRY	DRY	DRY	DRY	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 1027 630A ON MAR 13
MINIMUM DAILY, DRY ON JUN 11
MAXIMUM INSTANTANEOUS,
1027 632 AT 04 03 CST ON MAR 29

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 22 N
LONG 109 59 02 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO PRAIRIE FARM REHABILITATION ADMINISTRATION DATUM

MIDDLE CREEK RESERVOIR BEDFORD OUTLET - STATION NO 11AB114

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE -
LOCATION - LAT 49 23 04 N
LONG 109 59 28 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam^3

MIDDLE CREEK RESERVOIR FLOOD SPILLWAY - STATION NO 11AB115

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	0	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE -
LOCATION - LAT 49 23 02 N
LONG 109 59 55 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MILLIGAN CREEK NEAR WADENA - STATION NO 05MA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 9008	0 058	0 078	0 106	0	0	0	---	---	1
2	---	---	0 B	0 9638	0 061	0 400	0 085	0	0	0	---	---	2
3	---	---	0 B	0 9068	0 062	0 289	0 057	0	0	0	---	---	3
4	---	---	0 B	0 8388	0 056	0 129	0 044	0	0	0	---	---	4
5	---	---	0 B	0 7638	0 133	0 147	0 029	0	0	0	---	---	5
6	---	---	0 B	0 770	0 131	0 140	0 020	0	0	0	---	---	6
7	---	---	0 B	0 773	0 152	0 230	0 011	0	0	0	---	---	7
8	---	---	0 B	0 781	0 154	0 256	0 004	0	0	0	---	---	8
9	---	---	0 B	0 780	0 156	0 316	0 002	0	0	0	---	---	9
10	---	---	0 B	0 834	0 194	0 310	0 001	0	0	0	---	---	10
11	---	---	0 B	0 899	0 247	0 533	0	0	0	0	---	---	11
12	---	---	0 B	0 887	0 282	0 496	0	0	0	0	---	---	12
13	---	---	0 B	0 785	0 240	0 064	0	0	0	0	---	---	13
14	---	---	0 B	0 775	0 185	0 045	0	0	0	0	---	---	14
15	---	---	0 B	0 773	0 192	0 032	0	0	0	0	---	---	15
16	---	---	0 B	0 764	0 178	0 172	0	0	0	0	---	---	16
17	---	---	0 B	0 730	0 893	0 223	0	0	0	0	---	---	17
18	---	---	0 B	0 667	0 735	0 088	0	0	0	0	---	---	18
19	---	---	0 B	0 594	0 865	0 087	0	0	0	0	---	---	19
20	---	---	0 B	0 532	0 707	0 181	0	0	0	0	---	---	20
21	---	---	0 B	0 402	0 433	0 119	0	0	0	0	---	---	21
22	---	---	0 B	0 289	0 326	0 057	0	0	0	0	---	---	22
23	---	---	0 B	0 278	0 275	0 075	0	0	0	0	---	---	23
24	---	---	0 2008	0 224	0 368	0 074	0	0	0	0	---	---	24
25	---	---	0 5008	0 117	0 254	0 132	0	0	0	0	---	---	25
26	---	---	1 18 B	0 102	0 211	0 110	0	0	0	0	---	---	26
27	---	---	1 41 B	0 105	0 197	0 086	0	0	0	0	---	---	27
28	---	---	1 00 B	0 073	0 522	0 110	0	0	0	0	---	---	28
29	---	---	0 8838	0 109	0 254	0 131	0	0	0	0	---	---	29
30	---		0 8718	0 051	0 131	0 088	0	0	0	0	---	---	30
31	---		0 7998		0 097		0	0		0		---	31
TOTAL	---	---	6 943	17 477	8 747	5 208	0 359	0	0	0	---	---	TOTAL
MEAN	---	---	0 224	0 583	0 282	0 174	0 012	0	0	0	---	---	MEAN
MAX	---	---	1 41	0 963	0 893	0 533	0 106	0	0	0	---	---	MAX
MIN	---	---	0	0 051	0 056	0 032	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 158
MAXIMUM DAILY, 1 418 ON MAR 27
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2 058 AT 04 33 CST ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 10 N
LONG 103 46 07 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	31 0
FEB	---	AUG	0
MAR	500	SEP	0
APR	1 510	OCT	0
MAY	755	NOV	---
JUN	450	DEC	---

TOTAL DISCHARGE, 3 350 dam³

MONNERY RIVER NEAR PARADISE MILL - STATION NO 05EF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 193B	3 40 B	0 375	0 531	0 057	0 102	0 285	0 572	0 2988	---	1
2	---	---	0 193B	3 14 B	0 282	0 533	0 075	0 361	0 508	0 5978	---	---	2
3	---	---	0 193B	3 15 B	0 254	0 565	0 077	0 184	0 419	0 412	0 2958	---	3
4	---	---	0 193B	3 15 B	0 256	0 609	0 071	0 229	0 388	0 295	0 2948	---	4
5	---	---	0 193B	1 91 B	0 267	0 510	0 075	0 119	0 311	0 265	0 2928	---	5
6	---	---	0 1928	1 67 B	0 339	0 521	0 046	0 221	0 205	0 207	0 2818	---	6
7	---	---	0 1918	2 04 B	0 236	0 736	0 051	0 591	0 180	0 212	0 2908	---	7
8	---	---	0 1908	1 66 B	0 214	0 758	0 059	0 410	0 045	0 393	---	---	8
9	---	---	0 1898	1 35 B	0 214	0 849	0 056	0 466	0 188	0 490	---	---	9
10	---	---	0 1888	1 19	0 210	0 847	0 067	0 348	0 204	0 529	---	---	10
11	---	---	0 1878	1 09	0 227	0 779	0 098	0 159	0 347	0 535	---	---	11
12	---	---	0 1868	0 972	0 230	0 693	0 104	0 398	0 535	0 482	---	---	12
13	---	---	0 1858	0 962	0 157	0 544	0 267	0 441	0 417	0 444	---	---	13
14	---	---	0 1848	0 824	0 236	0 447	0 435	0 484	0 491	0 439	---	---	14
15	---	---	0 1838	0 793	0 248	0 351	0 407	0 341	0 520	0 428	---	---	15
16	---	---	0 1828	1 62	0 251	0 287	0 615	0 222	0 471	0 509	---	---	16
17	---	---	0 1818	1 28	0 780	0 293	0 535	0 147	0 493	0 541A	---	---	17
18	---	---	0 1818	0 848	1 47	0 232	0 395	0 268	0 532	0 550E	---	---	18
19	---	---	0 1818	0 764	1 86	0 169	0 290	0 516	0 477	0 555E	---	---	19
20	---	---	0 1828	0 670	1 89	0 114	0 244	0 237	0 635	0 550E	---	---	20
21	---	---	0 1838	0 695	1 66	0 177	0 280	0 183	0 817	0 535E	---	---	21
22	---	---	0 1868	0 698	1 47	0 229	0 187	0 056	0 813	0 500E	---	---	22
23	---	---	0 1928	0 781	1 48	0 264	0 192	0 252	0 740	0 460E	---	---	23
24	---	---	0 2008	0 642	1 78	0 207	0 220	0 223	0 697	0 420E	---	---	24
25	---	---	0 2158	0 632	1 83	0 151	0 212	0 308	0 777	0 370E	---	---	25
26	---	---	0 3008	0 588	1 46	0 130	0 126	0 339	0 760	0 3408	---	---	26
27	---	---	0 5008	0 556	1 21	0 146	0 208	0 313	0 690	0 3208	---	---	27
28	---	---	0 7928	0 534	0 952	0 134	0 159	0 240	0 685	0 3108	---	---	28
29	---	0 1938	1 24 B	0 498	0 718	0 089	0 117	0 201	0 587	0 3058	---	---	29
30	---		1 87 B	0 456	0 583	0 083	0 172	0 142	0 515	0 3008	---	---	30
31	---		2 93 B		0 512		0 186	0 264		0 2998		---	31
TOTAL	---	---	12 355	38 573	23 451	11 978	6 083	8 515	14 563	13 075	---	---	TOTAL
MEAN	---	---	0 399	1 29	0 756	0 399	0 196	0 275	0 485	0 422	---	---	MEAN
MAX	---	---	2 93	3 40	1 86	0 849	0 615	0 591	0 817	0 572	---	---	MAX
MIN	---	---	0 181	0 456	0 157	0 083	0 046	0 031	0 045	0 207	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 525
MAXIMUM DAILY, 3 408 ON APR 1
MINIMUM DAILY, 0 031 ON AUG 2
MAXIMUM INSTANTANEOUS,
4 178 AT 10 07 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 28 N
LONG 109 31 38 W
DRAINAGE AREA, 875 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	526
FEB	---	AUG	736
MAR	1 070	SEP	1 260
APR	3 330	OCT	1 130
MAY	2 030	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 11 100 dam³

MONTREAL LAKE NEAR WEYAKWIN - STATION NO 05CA006

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	490 457E	490 464	490 449	490 453E	490 510	490 542	490 681	490 616A	490 497	490 453A	490 427	490 474	1
2	490 457E	490 469	490 448	490 455E	490 507	490 589	490 662	490 611A	490 485	490 449A	490 430A	490 475	2
3	490 457E	490 466	490 448	490 457E	490 499	490 609	490 653	490 615A	490 472	490 457	490 440E	490 476	3
4	490 457A	490 460	490 448	490 459E	490 495	490 609	490 646	490 604A	490 488	490 480	490 449E	490 473	4
5	490 454	490 457	490 446	490 461E	490 490	490 617	490 652	490 602A	490 489	490 462	490 447A	490 483	5
6	490 455	490 458A	490 449	490 463E	490 502	490 616	490 696A	490 590A	490 458	490 456	490 433	490 483	6
7	490 457	490 458E	490 450	490 465E	490 497	490 557	490 674A	490 590A	490 413	490 461	490 436	490 480	7
8	490 451	490 457E	490 449	490 467E	490 500	490 589	490 649A	490 590A	490 475	490 462	490 442	490 480	8
9	490 452	490 457E	490 454	490 469E	490 509	490 639	490 642A	490 584	490 491	490 463	490 442	490 479	9
10	490 448	490 456E	490 450	490 471E	490 503	490 643	490 667A	490 600	490 506	490 473	490 442	490 474	10
11	490 447	490 456E	490 448	490 473E	490 525	490 638	490 679A	490 556	490 504	490 462	490 441	490 475	11
12	490 451	490 455E	490 450	490 474A	490 525	490 [illegible]	490 [illegible]A	490 565	490 471	490 452	490 440	490 475	12
13	490 447	490 455E	490 447	490 474A	490 531	490 [illegible]	490 669A	490 578	490 472	490 449	490 441	490 476	13
14	490 453	490 454E	490 448	490 475E	490 539	490 662	490 692A	490 553	490 470	490 421	490 451	490 476	14
15	490 458	490 454A	490 450	490 477E	490 547	490 658	490 712A	490 572	490 494	490 396	490 465	490 474	15
16	490 455	490 448	490 450	490 479E	490 532	490 646	490 [illegible]A	490 561	490 491	490 331	490 465	490 478	16
17	490 452	490 450	490 450	490 481E	490 548	490 643	490 729A	490 567	490 488A	490 432	490 463	490 470	17
18	490 453	490 451	490 455	490 482A	490 565	490 658	490 716A	490 563	490 484E	490 435	490 463	490 470	18
19	490 453	490 452	490 456	490 501	490 591	490 663	490 751A	490 545	490 482E	490 419	490 461	490 469	19
20	490 453	490 451	490 454	490 507	490 596	490 685	490 703A	490 548	490 479E	490 399	490 465	490 473	20
21	490 454	490 452	490 454	490 515	490 586	490 672	490 733A	490 528	490 477E	490 417	490 465	490 472	21
22	490 458	490 450	490 456	490 522	490 591	490 656	490 717A	490 566	490 475E	490 428	490 465	490 468	22
23	490 461	490 449	490 456	490 527	490 595	490 668	490 741A	490 555	490 472E	490 419	490 471	490 466	23
24	490 456	490 449	490 455	490 524	490 574	490 672	490 743A	490 534	490 470E	490 445	490 469	490 463	24
25	490 452	490 448	490 458	490 517	490 592	490 663	490 746A	490 549	490 467E	490 482	490 471	490 459	25
26	490 453	490 448	490 456A	490 522	490 598	490 676	490 725A	490 546	490 465E	490 413	490 467	490 454	26
27	490 457	490 446	490 453A	490 515	490 606	490 691	490 700A	490 533	490 463E	490 423	490 467	490 463	27
28	490 460	490 447	490 450	490 493	490 618	490 693	490 686A	490 524	490 460E	490 436	490 465	490 463	28
29	490 462	490 446	490 452	490 510	490 618	490 715	490 642A	490 494	490 458E	490 432	490 473	490 463	29
30	490 461		490 450	490 510	490 614	490 710	490 621A	490 472	490 455E	490 428	490 475	490 462	30
31	490 465		490 451E		490 645		490 619A	490 495		490 420		490 457	31
MEAN	490 455	490 454	490 451	490 487	490 553	490 649	490 689	490 561	490 476	490 437	490 464	490 471	MEAN
MAX	490 465	490 469	490 458	490 527	490 645	490 715	490 751	490 616	490 506	490 482	490 475	490 483	MAX
MIN	490 447	490 446	490 445	490 453	490 490	490 557	490 619	490 472	490 413	490 331	490 427	490 454	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 490.512
MAXIMUM DAILY, 490 751A ON JUL 19
MINIMUM DAILY, 490 331 ON OCT 18
MAXIMUM INSTANTANEOUS,
490 841 AT 20:47 CST ON JUL 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 25 54 N
LONG 105 42 33 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE 1984 RECORD QUALITY IS CONSIDERED POOR

MONTREAL RIVER AT HIGHWAY NO 2 - STATION NO 05CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 690	3 770	3 140	5.000	8 12	27.6	21 4	12 6	7 84	10 3	4 810	5 790	1
2	3 740	3 940	3 440	5 250	8.80	14.1	18 1	12 6	8 61	5 09	5 110	6 190	2
3	4 700	3 940	3 340	5 360	8 62	16 0	16 3	12 2	6 01	8 13	5 040	6 460	3
4	4 550	3 130	3.310	5.650	8 76	16 2	14.6	12 6	7 14	8 59	5 500	6 430	4
5	4 740	3.360	3.390	5 710	4 87	16 7	16 4	11 6	8 38	9.04	5 430	6 340	5
6	4 760	2 660	3.240	5.560	5 27	16.5	20 7	11 5	6 92	6.54	5 250	5 960	6
7	4 380	3 130	3.060	5 380	5 51	10 7	21 2	11 0	4 84	7 85	4 630	6 690	7
8	3 460	3 280	3 930	6 220	7 30	7 61	18 2	11 0	3 51	8 73	4 780	7 380	8
9	3 540	3 000	3.630	6.070	8 47	17 7	15 2	10 9	8 10	9 27	4 610	7 570	9
10	3 730	2 840	3.960	6.900	6 80	19 1	15 3	15 4	9 36	9.86	4 730	7 150	10
11	4 100	3 220	3.450	6.240	8 83	18.6	14 5	10 0	9 92	9 99	4 150	5 800	11
12	4 700	2 720	2.810	6 890	10 1	18.6	14 9	9 85	7 21	7 30	3 950	4 080	12
13	4 630	3 080	2.260	7.750	9 94	19.3	14 7	12 6	6 97	8 21	3 940	4 040	13
14	4 810	3.350	2.260	7 110	13 3	21.8	9 81	8 93	7 89	6 54	4 350	5 320	14
15	4 770	3 110	3 700	8 89	15 3	20 9	15 9	10 5	9 47	4 77	4 930	5 170	15
16	4 880	3 390	4.350	9.12	10 3	18 2	13 9	10 0	10 4	1 24	4 050	4 400	16
17	3 710	3 700	3.890	9.53	8 28	17 0	16 4	11 2	8 88	5 14	4 200	4 910	17
18	2 400	3 940	2.900	7 26	8 70	18 2	13 5	10 6	8 23	4 60	4 590	5 240	18
19	3 010	3 750	3 770	8 73	15 2	19 0	15 0	9 36	7 40	4 92	4 730	5 790	19
20	2 780	3 660	3 500	8 61	18 5	18 8	12 0	9.33	8 06	4 67	4 810	6 110	20
21	4 800	3 640	3 650	9 94	12 0	19 2	12 9	6 20	7 77	6 02	5 230	6 120	21
22	4 380	3 610	3 660	8 44	12 9	18 3	15 0	11 9	2 61	5 97	5 520	4 690	22
23	4 620	3 570	3 920	7 57	14 6	17 6	14 4	11 4	4 90	5 44	5 830	3 420	23
24	4 260	3 600	3 590	5 83	13 0	21 0	16 0	7 59	8 15	3 670	5 510	2 930	24
25	3 790	3 730	3 760	4 43	16 7	18 0	15 4	9 56	7 75	5 430	5 330	2 980	25
26	3 960	3 620	3 800	5 14	18 7	18 3	15 1	10 8	5 95	6 550	5 130	4 310	26
27	4 260	3 770	3 880	5 16	17 6	20 4	15 1	8 85	4 44	5 590	5 050	5 890	27
28	4 100	3 480	4 090	3 67	18 2	20 6	14 0	9 36	7 26	6 410	4 370	3 980	28
29	4 180	3 070	4 150	5 92	18 2	23 2	11 9	8 85	6 83	6 540	5 010	6 180	29
30	4 340		4 640	7 46	17 5	27 1	11 0	3 71	7 79	6 020	5 470	4 090	30
31	4 260		4 940		22 6		11 3	8 63		5 740		5 670	31
TOTAL	128 01	99 05	111 39	200 84	370 39	556 51	470 21	319 54	219 01	202 18	146 04	167 06	TOTAL
MEAN	4 13	3 42	3 59	6 69	11 9	18 6	15 2	10 3	7 30	6 52	4 87	5 39	MEAN
MAX	4 88	3 94	4 94	9 94	22 6	27 6	21 4	15 4	10 4	10 3	5 83	7 57	MAX
MIN	2 40	2 66	2 26	3 67	4 87	7 61	9 81	3 71	2 61	1 24	3 94	2 93	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8 17
MAXIMUM DAILY, 27 6 ON JUN 1
MINIMUM DAILY, 1 24 ON OCT 16
MAXIMUM INSTANTANEOUS,
36 4 AT 15 31 CST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 43 30 N
LONG 105 41 20 W
DRAINAGE AREA, 5 450 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 100	JUL	40 600
FEB	8 560	AUG	27 600
MAR	9 620	SEP	18 900
APR	17 400	OCT	17 500
MAY	32 000	NOV	12 600
JUN	48 100	DEC	14 400

TOTAL DISCHARGE, 258 000 dam³

MONTREAL RIVER AT OUTLET OF BIGSTONE LAKE - STATION NO 05CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11 3	9 15	7 33	6 24	10 1	20 7	21 5	15 3	11 7	12 0	13 1	12 9	1
2	11 1	9 15	7 30	6 22	9 71	22 4	21 4	15 2	11 5	12 3	13 0	12 8	2
3	9 81	9 18	7 27	6 23	9 46	22 1	21 3	15 0	11 3	11 9	12 9	12 7	3
4	9 44	9 06	7 28	6 24	9 61	21 1	20 5	14 9	11 0	11 2	12 8	12 6	4
5	9 35	8 95	7 09	6 31	9 55	20 9	19 6	14 7	10 6	11 2	12 7	12 5	5
6	9 27	8 74	7 09	6 37	9 87	20 9	18 6	14 3	10 4	11 4	12 7	12 5	6
7	9 18	8 61	7 12	6 53	10 3	19 7	19 0	15 1	9 66	11 4	12 7	12 6	7
8	8 98	8 56	7 11	6 80	10 4	20 2	19 1	14 6	11 0	11 4	12 6	12 6	8
9	8 95	8 51	7 09	7 04	9 06	21 3	18 8	14 3	11 7	11 5	12 5	12 4	9
10	8 82	8 40	7 08	7 21	9 74	22 2	18 5	14 0	12 0	11 5	12 5	12 4	10
11	8 70	8 39	6 89	7 30	10 8	21 8	18 2	13 6	12 2	11 2	12 4	12 4	11
12	8 63	8 20	6 89	7 46	11 1	21 1	17 8	13 2	12 2	11 2	12 3	12 1	12
13	8 59	8 15	6 71	7 66	11 3	20 8	17 4	13 4	12 5	11 4	12 7	12 0	13
14	8 48	8 22	6 72	7 72	10 5	21 3	18 7	14 8	12 7	11 7	13 1	11 9	14
15	8 48	8 17	6 62	7 80	10 2	21 5	19 3	14 2	12 8	11 8	13 3	11 9	15
16	8 41	8 15	6 50	8 10	10 8	21 2	19 8	13 9	12 7	12 2	13 2	11 8	16
17	8 30	8 15	6.46	8 33	12 6	22 1	19 2	13 7	12 8	12 1	13 0	11 6	17
18	8 19	8 11	6.42	8 59	14 2	23 0	18 0	13 3	12 8	12 1	12 9	11 5	18
19	8 09	8 04	6.37	8 57	14 6	22 2	18 3	13 3	13 0	12 8	12 8	11 5	19
20	7 94	7 93	6.44	8 97	13.9	22 1	17 9	13 7	12 8	13 1	12 7	11 5	20
21	8 11	7 88	6 47	9 88	15 5	22 8	18 7	13 5	12 0	13 5	12 7	11 5	21
22	8 17	7 84	6.40	9 97	16 9	22 8	19 0	13 5	11 0	13 7	12 7	11 4	22
23	8.14	7 71	6.41	10 1	17 1	22 8	18 3	13 2	11 9	13 7	12 6	11 3	23
24	8 80	7.68	6.39	10 4	17 2	22 8	17 8	13 3	12 1	13 1	12 6	11 2	24
25	8 33	7 61	6.44	9 74	17 9	23 3	17 3	13 3	12 0	12 9	12 9	11 0	25
26	8 27	7 50	6 49	9 92	18 5	23 0	17 1	13 4	12 3	13 4	12 9	10 8	26
27	8 19	7 48	6 48	9 95	18 2	22 8	16 7	12 9	12 7	13 7	12 9	10 7	27
28	8 21	7 29	6 40	9 93	18 5	22 4	16 2	13 8	12 4	13 4	12 8	10 6	28
29	8 31	7.29	6 34	10 3	18 7	21 8	16 0	14 3	12 1	13 2	12 9	10 4	29
30	8 38		6 27	10 3	18 7	22 1	15 8	13 3	11 8	13 2	12 9	10 3	30
31	8 33		6 26		20 2		15 5	12 4		13 1		10 2	31
TOTAL	278 94	237 91	208 19	246 08	418 20	653 8	572 3	431 2	357 86	382 1	384 0	363 6	TOTAL
MEAN	8 03	8 20	6 72	8 20	13 5	21 8	18 5	13 9	11 9	12 3	12 8	11 7	MEAN
MAX	11 3	9 18	7 33	10 4	20 2	23 3	21 5	15 3	13 0	13 7	13 3	12 9	MAX
MIN	7 94	7 29	6 26	6 22	9 06	19 7	15 5	12 4	9 66	11 2	12 3	10 2	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12 4
MAXIMUM DAILY, 23.3 ON JUN 25
MINIMUM DAILY, 6.22 ON APR 2
MAXIMUM INSTANTANEOUS,
24.3 AT 15:07 CST ON JUL 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 05 40 N
LONG 105 21 50 W
DRAINAGE AREA, 7 280 km²

REGULATED

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE OCCURRED AS A RESULT OF WIND EFFECT

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 200	JUL	49 400
FEB	20 800	AUG	37 300
MAR	18 000	SEP	30 800
APR	21 300	OCT	33 000
MAY	36 200	NOV	33 200
JUN	56 500	DEC	31 400

TOTAL DISCHARGE, 382 000 dam³

MOOSE JAW RIVER ABOVE THUNDER CREEK - STATION NO 05JE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 048	0 001	0	0	0	0	0	---	---	1
2	---	---	0 B	0 040	0 001	0	0	0	0	0	---	---	2
3	---	---	0 B	0 024	0 001	0	0	0	0	0	---	---	3
4	---	---	0 B	0 020	0 001	0	0	0	0	0	---	---	4
5	---	---	0 B	0 015	0 002	0	0	0	0	0	---	---	5
6	---	---	0 B	0 014	0 002	0	0	0	0	0	---	---	6
7	---	---	0 B	0 013	0 002	0	0	0	0	0	---	---	7
8	---	---	0 B	0 009	0 002	0	0	0	0	0	---	---	8
9	---	---	0 B	0 007	0 001	0	0	0	0	0	---	---	9
10	---	---	0 B	0 008	0 002	0	0	0	0	0	---	---	10
11	---	---	0 B	0 007	0 001	0	0	0	0	0	---	---	11
12	---	---	0 B	0 007	0 001	0	0	0	0	0	---	---	12
13	---	---	0 B	0 006	0 001	0	0	0	0	0	---	---	13
14	---	---	0 B	0 005	0 001	0	0	0	0	0	---	---	14
15	---	---	0 B	0 004	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0 004	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 004	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0 004	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0 003	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0 002	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0 002	0	0	0	0	0	0	---	---	21
22	---	---	0 0108	0 002	0	0	0	0	0	0	---	---	22
23	---	---	0 0178	0 003	0	0	0	0	0	0	---	---	23
24	---	---	0 0108	0 003	0	0	0	0	0	0	---	---	24
25	---	---	0 0148	0 002	0	0	0	0	0	0	---	---	25
26	---	---	0 0138	0 002	0	0	0	0	0	0	---	---	26
27	---	---	0 0118	0 002	0	0	0	0	0	0	---	---	27
28	---	---	0 0088	0 001	0	0	0	0	0	0	---	---	28
29	---	---	0 0088	0 001	0	0	0	0	0	0	---	---	29
30	---		0 0178	0 001	0	0	0	0	0	0	---	---	30
31	---		0 0408		0		0	0		0		---	31
TOTAL	---	---	0 149	0 283	0 019	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 005	0 009	0 001	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 040	0 048	0 002	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0 001	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 002
MAXIMUM DAILY, 0 048 ON APR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 0558 AT 23 00 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 20 46 N
LONG 105 31 49 W
DRAINAGE AREA, 5 250 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	12 9	SEP	0
APR	22 7	OCT	0
MAY	1 84	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 37 2 dam³

MOOSE JAW RIVER NEAR BURDICK - STATION NO 05JE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 1218	0 1508	0 2508	0 233	0 005	0 003	0	0	0	0	0	0 2018	1
2	0 1158	0 1518	0 2298	0 228	0 005	0 001	0	0	0	0	0	0 2008	2
3	0 1248	0 1498	0 2238	0 212	0 005	0 001	0	0	0	0	0	0 1938	3
4	0 1398	0 1658	0 2678	0 216	0 005	0 001	0	0	0	0	0	0 1918	4
5	0 1548	0 1478	0 2528	0 208	0 005	0 001	0	0	0	0	0	0 1888	5
6	0 1808	0 1678	0 2058	0 195	0 005	0 001	0	0	0	0	0	0 1908	6
7	0 1638	0 1818	0 1968	0 185	0 005	0 001	0	0	0	0	0	0 1858	7
8	0 1448	0 1838	0 1918	0 162	0 004	0 001	0	0	0	0	0 0148	0 1718	8
9	0 1378	0 2018	0 1878	0 142	0 003	0	0	0	0	0	0 1518	0 1638	9
10	0 1478	0 2528	0 1728	0 130	0 004	0	0	0	0	0	0 1728	0 1658	10
11	0 1768	0 2528	0 1768	0 111	0 002	0	0	0	0	0	0 1628	0 1588	11
12	0 1788	0 2478	0 1778	0 089	0 002	0	0	0	0	0	0 1598	0 1468	12
13	0 1848	0 2798	0 1628	0 086	0 002	0	0	0	0	0	0 1618	0 1418	13
14	0 1438	0 3858	0 1838	0 043	0 001	0	0	0	0	0	0 1458	0 1548	14
15	0 1468	0 3488	0 1978	0 032	0 001	0	0	0	0	0	0 1688	0 1318	15
16	0 1858	0 4188	0 2038	0 018	0 002	0 251	0	0	0	0	0 1528	0 1488	16
17	0 1848	0 4498	0 1748	0 011	0 010	0 185	0	0	0	0	0 1458	0 1808	17
18	0 2318	0 5018	0 1558	0 010	0 006	0 026	0	0	0	0	0 1498	0 1748	18
19	0 2788	0 3688	0 2208	0 012	0 004	0 033	0	0	0	0	0 1458	0 1678	19
20	0 2618	0 3108	0 5168	0 016	0 005	0 045	0	0	0	0	0 1458	0 1868	20
21	0 2128	0 4568	0 5928	0 018	0 005	0 048	0	0	0	0	0 1508	0 1588	21
22	0 1948	0 7238	0 5138	0 018	0 005	0 187	0	0	0	0	0 1518	0 1498	22
23	0 1598	0 7308	0 5718	0 015	0 004	0 073	0	0	0	0	0 1578	0 1358	23
24	0 1298	0 8568	0 6628	0 010	0 004	0 025	0	0	0	0	0 1808	0 1288	24
25	0 1158	0 5308	0 8128	0 005	0 003	0 018	0	0	0	0	0 1828	0 1218	25
26	0 1138	0 4198	0 5028	0 005	0 003	0 003	0	0	0	0	0 1788	0 1148	26
27	0 1178	0 3618	0 340	0 005	0 003	0 003	0	0	0	0	0 1958	0 1148	27
28	0 1368	0 3348	0 303	0 005	0 004	0 002	0	0	0	0	0 2108	0 1068	28
29	0 1588	0 2798	0 269	0 005	0 004	0 001	0	0	0	0	0 2078	0 1018	29
30	0 1898		0 264	0 005	0 004	0 001	0	0	0	0	0 2008	0 0968	30
31	0 1558		0 228		0 005		0	0		0		0 0908	31
TOTAL	4 976	9 790	9 413	2 408	0 125	0 871	0	0	0	0	3 638	4 723	TOTAL
MEAN	0 161	0 338	0 304	0 080	0 004	0 029	0	0	0	0	0 121	0 152	MEAN
MAX	0 278	0 730	0 812	0 233	0 010	0 251	0	0	0	0	0 210	0 201	MAX
MIN	0 113	0 147	0 155	0 005	0 001	0	0	0	0	0	0	0 090	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 098
MAXIMUM DAILY, 0 8128 ON MAR 25
MINIMUM DAILY, 0 ON JUN 9
MAXIMUM INSTANTANEOUS,
1 41 AT 19 50 CST ON JUN 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 24 00 N
LONG 105 23 50 W
DRAINAGE AREA, 9 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	430	JUL	0
FEB	846	AUG	0
MAR	813	SEP	0
APR	208	OCT	0
MAY	10 8	NOV	314
JUN	75 3	DEC	408

TOTAL DISCHARGE, 3 110 dam³

MOOSE JAW RIVER NEAR LANG - STATION NO. 05JE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00 00 CST ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 51 N
LONG 104 28 57 W
DRAINAGE AREA, 885 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

MOOSE JAW RIVER NEAR ROUTLEAU - STATION NO. 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.5888	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.3908	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.2308	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.0848	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.0078	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.0048	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.0028	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.0018	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0 B	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0 B	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0 B	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0 B	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0 B	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0 B	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0 B	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0 B	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0 B	0	0	0	0	0	0	0	---	---	27
28	---	---	0 B	0	0	0	0	0	0	0	---	---	28
29	---	---	0 B	0	0	0	0	0	0	0	---	---	29
30	---		0 B	0	0	0	0	0	0	0	---	---	30
31	---		0 3158		0		0	0		0		---	31
TOTAL	---	---	0.315	1.306	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.010	0.044	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.315	0.588	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.5888 ON APR 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.6498 AT 04:29 CST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 11 29 N
LONG 104 59 08 W
DRAINAGE AREA, 2 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	27.2	SEP	0
APR	113	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 140 dam³

MOOSE MOUNTAIN CREEK BELOW MOOSE MOUNTAIN LAKE - STATION NO. 05NC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.011B	0.012B	0.038	0.010	0.003	0.017A	0.001	0.008	---	---	1
2	---	---	0.015B	0.013B	0.035	0.010	0.002	0.015E	0.002	0.010	---	---	2
3	---	---	0.016B	0.013B	0.036	0.005	0.002	0.013E	0	0.004	---	---	3
4	---	---	0.014B	0.014B	0.035	0.007	0.001	0.012E	0	0.006	---	---	4
5	---	---	0.013B	0.016B	0.037	0.010	0	0.011E	0	0.010	---	---	5
6	---	---	0.010B	0.019B	0.043	0.015	0	0.010E	0.001	0.010	---	---	6
7	---	---	0.013B	0.020B	0.044	0.019	0	0.009E	0.018	0.009	---	---	7
8	---	---	0.010B	0.019B	0.038	0.013	0	0.006E	0.020	0.009	---	---	8
9	---	---	0.010B	0.017B	0.034	0.012	0	0.007E	0.018	0.010	---	---	9
10	---	---	0.015B	0.017B	0.043	0.015	0	0.006E	0.010	0.012	---	---	10
11	---	---	0.015B	0.021B	0.044	0.014	0	0.005E	0	0.012	---	---	11
12	---	---	0.018B	0.020B	0.034	0.019	0	0.004E	0.006	0.011	---	---	12
13	---	---	0.018B	0.020B	0.030	0.018	0	0.003E	0.001	0.011	---	---	13
14	---	---	0.021B	0.017B	0.026	0.013	0.001	0.002E	0	0.004	---	---	14
15	---	---	0.020B	0.015	0.027	0.021	0.002	0.001E	0.001	0.014	---	---	15
16	---	---	0.016B	0.019	0.035	0.029	0.001	0 E	0.009	0.036B	---	---	16
17	---	---	0.015B	0.019	0.043	0.032	0.001	0 E	0.015	0.015	---	---	17
18	---	---	0.013B	0.020	0.038	0.023	0	0 E	0	0.012	---	---	18
19	---	---	0.012B	0.021	0.033	0.017	0	0 E	0.001	0.018	---	---	19
20	---	---	0.017B	0.020	0.031	0.017	0	0 E	0.007	0.019	---	---	20
21	---	---	0.046B	0.021	0.030	0.028	0	0 E	0.011	0.018	---	---	21
22	---	---	0.084B	0.021	0.026	0.026	0	0 E	0.029	0.016	---	---	22
23	---	---	0.091B	0.025	0.025	0.024	0	0 E	0.013	0.017	---	---	23
24	---	---	0.093B	0.032	0.033	0.010	0	0 E	0.010	0.016	---	---	24
25	---	---	0.141B	0.040	0.027	0.009	0	0.001E	0.005	0.015	---	---	25
26	---	---	0.104B	0.043	0.025	0.008	0	0.002E	0.006	0.018	---	---	26
27	---	---	0.067B	0.078B	0.023	0.008	0.010A	0.002E	0.008	0.027	---	---	27
28	---	---	0.043B	0.070B	0.018	0.010	0.035E	0.002A	0.006	0.019	---	---	28
29	---	---	0.027B	0.047	0.018	0.002	0.030E	0.003	0.007	0.016	---	---	29
30	---	---	0.015B	0.039	0.013	0.002	0.025E	0.001	0.007	0.012A	---	---	30
31	---	---	0.013B		0.013		0.020E	0.002		0.012E		---	31
TOTAL	---	---	1.016	0.768	0.977	0.442	0.133	0.136	0.211	0.422	---	---	TOTAL
MEAN	---	---	0.033	0.026	0.032	0.015	0.004	0.004	0.007	0.014	---	---	MEAN
MAX	---	---	0.141	0.078	0.044	0.032	0.025	0.017	0.029	0.036	---	---	MAX
MIN	---	---	0.010	0.012	0.013	0.002	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.017
MAXIMUM DAILY, 0.141B ON MAR 25
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS
0.150B AT 05:57 LST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 23 N
LONG 103 00 54 W
DRAINAGE AREA, 2.310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	11.5
FEB	---	AUG	11.8
MAR	87.8	SEP	18.2
APR	66.4	OCT	36.5
MAY	84.4	NOV	---
JUN	38.2	DEC	---

TOTAL DISCHARGE, 355 dam³

MOOSE MOUNTAIN CREEK NEAR OXBOW - STATION NO. 05ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.013B	0.382B	0.267	0.003	0	0	0	0	---	---	1
2	---	---	0.007B	0.302	0.223	0.001	0	0	0	0	---	---	2
3	---	---	0.006B	0.257	0.213	0	0	0	0	0	---	---	3
4	---	---	0.004B	0.222	0.305	0	0	0	0	0	---	---	4
5	---	---	0.002B	0.230	0.376	0	0	0	0	0	---	---	5
6	---	---	0.001B	0.337	0.336	0	0	0	0	0	---	---	6
7	---	---	0.002B	0.636	0.300	0	0	0	0	0	---	---	7
8	---	---	0.009B	0.630	0.245	0	0	0	0	0	---	---	8
9	---	---	0.002B	0.587	0.218	0	0	0	0	0	---	---	9
10	---	---	0.001B	0.543	0.202	0	0	0	0	0	---	---	10
11	---	---	0.002B	0.542	0.198	0	0	0	0	0	---	---	11
12	---	---	0.001B	0.552	0.174	0	0	0	0	0	---	---	12
13	---	---	0 B	0.565	0.172	0	0	0	0	0	---	---	13
14	---	---	0 B	0.513	0.161	0	0	0	0	0	---	---	14
15	---	---	0.013B	0.444	0.137	0	0	0	0	0	---	---	15
16	---	---	0.023B	0.385	0.123	0	0	0	0	0	---	---	16
17	---	---	0.028B	0.343	0.107	0	0	0	0	0	---	---	17
18	---	---	0.023B	0.306	0.094	0	0	0	0	0	---	---	18
19	---	---	0.039B	0.270	0.088	0	0	0	0	0	---	---	19
20	---	---	1.03 B	0.252	0.075	0	0	0	0	0	---	---	20
21	---	---	2.44 B	0.235	0.064	0.001	0	0	0	0	---	---	21
22	---	---	2.58 B	0.225	0.054	0.004	0	0	0	0	---	---	22
23	---	---	3.01 B	0.212	0.046	0.004	0	0	0	0	---	---	23
24	---	---	5.66 B	0.198	0.037	0.001	0	0	0	0	---	---	24
25	---	---	5.39 B	0.196	0.037	0	0	0	0	0	---	---	25
26	---	---	4.43 B	0.197	0.034	0	0	0	0	0	---	---	26
27	---	---	5.46 B	0.185	0.018	0	0	0	0	0	---	---	27
28	---	0.023B	3.79 B	0.218	0.009	0.002	0	0	0	0	---	---	28
29	---	0.016B	1.42 B	0.315	0.011	0.001	0	0	0	0	---	---	29
30	---		0.768B	0.259	0.005	0	0	0	0	0	---	---	30
31	---		0.502B		0.004		0	0		0		---	31
TOTAL	---	---	36.656	10.516	4.336	0.017	0	0	0	0	---	---	TOTAL
MEAN	---	---	1.18	0.351	0.140	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	5.66	0.630	0.376	0.004	0	0	0	0	---	---	MAX
MIN	---	---	0	0.185	0.004	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.210
MAXIMUM DAILY, 5.66B ON MAR 24
MINIMUM DAILY, 0B ON MAR 13
MAXIMUM INSTANTANEOUS,
5.49B AT 12:21 CST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 58 N
LONG 102 13 41 W
DRAINAGE AREA, 6 080 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	3 170	SEP	0
APR	908	OCT	0
MAY	375	NOV	---
JUN	1.47	DEC	---

TOTAL DISCHARGE, 4 460 dam³

MOOSE MOUNTAIN LAKE (RESERVOIR) NEAR CORNING - STATION NO. 05NC002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	620.011E	620.023E	620.030A	620.204	620.325	620.277	620.187	620.041	619.859	619.830	619.858	619.861	1
2	---	620.023A	620.031	620.213	620.322	620.273	620.183	620.038	619.885	619.842	619.865	619.862	2
3	620.011A	---	620.030	620.223	620.318	620.251	620.187	620.031	619.888	619.828	619.859	619.862	3
4	---	---	620.030	620.229	620.331	620.239	620.173	620.029	619.851	619.821	619.860	619.861	4
5	---	---	620.031	620.238	620.332	620.240	620.184	620.026	619.818	619.820	619.859	619.860	5
6	---	---	620.031E	620.248	620.344	620.244	620.134	620.021	619.830	619.827	619.861	619.860	6
7	---	---	620.032E	620.252	620.344	620.254	620.137	620.022	619.840	619.826	619.860	619.858	7
8	---	---	620.032E	620.258	620.340	620.250	620.145	620.018	619.848	619.818	619.858	619.858	8
9	---	---	620.033E	620.285	620.323	620.244	620.141	620.007	619.844	619.812	619.860	619.858	9
10	---	---	620.033E	620.275	620.388	620.243	620.137	619.985	619.841	619.805	619.862	619.858	10
11	---	---	620.033E	620.287	620.340	620.237	620.130	619.982	619.819	619.812	619.860	619.858	11
12	---	---	620.034E	620.285	620.337	620.244	620.124	619.987	619.842	619.811	619.860	619.860	12
13	---	---	620.034	620.303	620.336	620.231	620.124	619.981	619.845	619.821	619.861	619.858	13
14	---	---	620.034	620.310	620.298	620.219	620.128	619.987	619.845	619.820	619.858	619.859	14
15	---	---	620.034E	620.315	620.239	620.228	620.106	619.985	619.845	619.850	619.857	619.857	15
16	---	---	620.034E	620.315	620.308	620.239	620.112	619.980	619.841	619.887	619.859	619.856	16
17	---	---	620.034E	620.303	620.347	620.257	620.088	619.957	619.845	619.849	619.857	619.859	17
18	---	---	620.035E	620.303	620.345	620.237	620.084	619.943	619.841	619.838	619.859	619.857	18
19	---	---	620.035E	620.306	620.311	620.225	620.073	619.938	619.843	619.854	619.861	619.857	19
20	---	---	620.035E	620.315	620.294	620.215	620.057	619.946	619.832	619.863	619.858	619.858	20
21	---	---	620.035	620.322	620.313	620.230	620.085	619.945	619.824	619.860	619.856	619.855	21
22	---	---	620.040	620.325	620.310	620.233	620.071	619.922	619.852	619.861	619.854	619.855	22
23	---	---	620.048	620.328	620.290	620.240	620.050	619.901	619.849	619.855	619.854	619.854	23
24	---	---	620.054	620.338	620.314	620.224	620.038	619.915	619.848	619.849	619.854	619.854	24
25	---	---	620.084	620.329	620.292	620.223	620.035	619.914	619.847	619.818	619.858	619.855	25
26	---	---	620.104	620.341	620.289	620.231	620.028	619.912	619.846	619.858	619.855	619.858	26
27	---	---	620.130	620.372	620.283	620.207	620.022	619.906	619.846	619.889	619.858	619.856	27
28	---	---	620.147	620.350	620.274	620.209	620.007	619.908	619.843	619.867	619.860	619.858A	28
29	---	620.030E	620.165	620.325	620.277	620.178	620.002	619.921	619.839	619.866	619.862	619.859E	29
30	---	---	620.180	620.327	620.272	620.193	620.012	619.888	619.832	619.865	619.861	619.859E	30
31	620.023E		620.193		620.281		620.045	619.886		619.862		619.859E	31
MEAN	---	---	620.059	620.284	620.313	620.234	620.097	619.963	619.843	619.841	619.859	619.858	MEAN
MAX	---	---	620.193	620.372	620.386	620.277	620.187	620.041	619.888	619.889	619.865	619.862	MAX
MIN	---	---	620.030	620.204	620.239	620.178	620.002	619.886	619.818	619.805	619.854	619.854	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 620.372 ON APR 27
MINIMUM DAILY, 619.805 ON OCT 10
MAXIMUM INSTANTANEOUS,
620.402 AT 18:13 CST ON MAY 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 29 N
LONG 103 01 58 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO TOPOGRAPHIC SURVEY DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MOOSOMIN LAKE NEAR MOOSOMIN - STATION NO. 05NE002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	543.699	543.883	543.958	543.945	543.906	543.767	543.436	543.370	---	---	1
2	---	---	543.699	543.868	543.959	543.946	543.904	543.767	543.423	543.373	---	---	2
3	---	---	543.702	543.870	543.961	543.931	543.900	543.765	543.408	543.368	---	---	3
4	---	---	543.702	543.874	543.964	543.921	543.893	543.761	543.391	543.359	---	---	4
5	---	---	543.700	543.877	543.967	543.921	543.886	543.758	543.381	543.385	---	---	5
6	---	---	543.700	543.879	543.970	543.921	543.879	543.753	543.348	543.385	---	---	6
7	---	---	543.710	543.881	543.971	543.932	543.869	543.751	543.346	543.381	---	---	7
8	---	---	543.710	543.881	543.972	543.930	543.874	543.748	543.334	543.354	---	---	8
9	---	---	543.711	543.880	543.964	543.923	543.871	543.748	543.338	543.348	---	---	9
10	---	---	543.711	543.883	543.982	543.926	543.866	543.733	543.341	543.342	---	---	10
11	---	---	543.707	543.888	543.977	543.923	543.861	543.732	543.337	543.339	---	---	11
12	---	---	543.707	543.903	543.971	543.926	543.855	543.732	543.347	543.329	---	---	12
13	---	---	543.707	543.919	543.978	543.923	543.856	543.728	543.350	543.332	---	---	13
14	---	543.696A	543.712	543.926	543.970	543.919	543.857	543.732	543.348	543.324	---	---	14
15	---	543.693	543.712	543.928	543.962	543.919	543.841	543.714	543.349	543.335	---	---	15
16	---	543.693	543.710	543.931	543.978	543.924	543.838	543.715	543.349	543.361	---	---	16
17	---	543.694	543.711	543.932	543.995	543.929	543.825	543.713	543.355	543.351	---	---	17
18	---	543.695	543.716	543.934	543.988	543.922	543.821	543.713	543.354	543.344	---	---	18
19	---	543.697	543.721	543.939	543.967	543.915	543.816	543.711	543.352	543.344	---	---	19
20	---	543.698	543.723	543.943	543.961	543.911	543.804	543.708	543.347	543.353	---	---	20
21	---	543.700	543.730	543.944	543.970	543.919	543.807	543.687	543.339	543.358	---	---	21
22	---	543.699	543.738	543.942	543.985	543.926	543.807	543.683	543.338	543.359	---	---	22
23	---	543.698	543.752	543.945	543.953	543.928	543.794	543.639	543.335	543.361	---	---	23
24	---	543.698	543.769	543.946	543.957	543.922	543.788	543.625	543.337	543.359	---	---	24
25	---	543.698	543.790	543.941	543.953	543.924	543.786	543.606	543.338	543.350	---	---	25
26	---	543.699	543.810	543.933	543.951	543.922	543.781	543.591	543.338	543.366	---	---	26
27	---	543.697	543.826	543.950	543.948	543.910	543.772	543.572	543.337	543.376	---	---	27
28	---	543.694	543.834	543.971	543.942	543.914	543.763	543.547	543.370	543.378E	---	---	28
29	---	543.694	543.842	543.957	543.944	543.905	543.759	543.530	543.367	543.379E	---	---	29
30	---		543.851	543.958	543.944	543.907	543.767	543.488	543.389	543.382A	---	---	30
31	---		543.859		543.952		543.768	543.463		543.385E		---	31
MEAN	---	---	543.741	543.916	543.964	543.923	543.833	543.683	543.382	543.357	---	---	MEAN
MAX	---	---	543.859	543.971	543.995	543.948	543.906	543.767	543.436	543.385	---	---	MAX
MIN	---	---	543.699	543.883	543.942	543.905	543.759	543.463	543.334	543.324	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 543.995 ON MAY 17
MINIMUM DAILY, 543.324 ON OCT 14
MAXIMUM INSTANTANEOUS,
544.084 AT 17:42 CST ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 45 N
LONG 101 41 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 850 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - THE MAXIMUM INSTANTANEOUS WATER LEVEL OCCURRED AS A RESULT OF WIND EFFECT

MORIN CREEK NEAR MEADOW LAKE - STATION NO 05AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.43	0.208	3.09	0.311	0.010	0	0.089	0.0818	---	1
2	---	---	0 B	2.33	0.201	2.98	0.284	0.001	0	0.084	0.0808	---	2
3	---	---	0 B	1.78	0.190	2.81	0.294	0	0	0.122	0.0808	---	3
4	---	---	0 B	1.55	0.201	2.57	0.273	0	0	0.029	0.0798	---	4
5	---	---	0 B	1.20	0.192	2.30	0.238	0	0.038	0.028	0.0788	---	5
6	---	---	0 B	0.869	0.174	2.05	0.221	0	0.032	0.110	0.0748	---	6
7	---	---	0 B	1.23	0.196	2.15	0.212	0.183	0.011	0.114	---	---	7
8	---	---	0 B	0.985	0.187	2.35	0.187	0.189	0.014	0.002	---	---	8
9	---	---	0 B	0.773	0.188	2.47	0.208	0.194	0.018	0.052	---	---	9
10	---	---	0 B	0.681	0.233	3.01	0.219	0.150	0.027	0.109	---	---	10
11	---	---	0 B	0.649	0.220	2.85	0.216	0.089	0.044	0.184	---	---	11
12	---	---	0 B	0.649	0.187	1.98	0.180	0.043	0.105	0.081	---	---	12
13	---	---	0 B	0.633	0.208	1.58	0.208	0.021	0.084	0.057	---	---	13
14	---	---	0 B	0.622	0.214	1.34	0.243	0.020	0.041	0.068	---	---	14
15	---	---	0 B	0.607	0.151	1.25	0.243	0.012	0.022	0.141	---	---	15
16	---	---	0 B	0.587	0.159	1.28	0.214	0.011	0.050	0.140	---	---	16
17	---	---	0 B	0.544	0.429	1.30	0.175	0.004	0.068	0.155	---	---	17
18	---	---	0 B	0.480	0.808	1.21	0.182	0	0.088	0.185	---	---	18
19	---	---	0 0018	0.513	0.657	1.10	0.178	0	0.045	0.154	---	---	19
20	---	---	0 0058	0.436	0.832	1.01	0.183	0	0	0.135	---	---	20
21	---	---	0 0158	.387	1.21	0.909	0.170	0	0.001	0.132	---	---	21
22	---	---	0 0258	0.407	1.78	0.731	0.148	0	0.059	0.133	---	---	22
23	---	---	0 0508	0.395	3.04	0.630	0.133	0.013	0.155	0.1218	---	---	23
24	---	---	0 1138	0.378	2.45	0.571	0.105	0.075	0.146	0.1108	---	---	24
25	---	---	0 2308	0.331	2.29	0.525	0.102	0.034	0.085	0.1008	---	---	25
26	---	---	0 350	0.286	2.74	0.506	0.183	0.035	0.053	0.0928	---	---	26
27	---	---	0 440	0.241	3.18	0.490	0.112	0.029	0.028	0.0848	---	---	27
28	---	---	0 570	0.194	3.31	0.450	0.080	0.017	0.040	0.0848	---	---	28
29	---	---	0 730	0.198	3.29	0.389	0.058	0.003	0.090	0.0858	---	---	29
30	---		0 878A	0.214	3.21	0.349	0.036	0	0.072	0.0838	---	---	30
31	---		0 914		3.15		0.027	0		0.0828		---	31
TOTAL	---	---	4.318	22.542	35.305	46.000	5.820	1.144	1.413	3.101	---	---	TOTAL
MEAN	---	---	0.139	0.751	1.14	1.53	0.181	0.037	0.047	0.100	---	---	MEAN
MAX	---	---	0.914	2.43	3.31	3.09	0.311	0.189	0.155	0.185	---	---	MAX
MIN	---	---	0	0.194	0.151	0.349	0.027	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 3.31 ON MAY 28
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
3.34 AT 04 01 CST ON MAY 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 09 55 N
LONG 108 34 38 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	486
FEB	---	AUG	98.8
MAR	373	SEP	122
APR	1 950	OCT	268
MAY	3 050	NOV	---
JUN	3 970	DEC	---

TOTAL DISCHARGE, 10 300 dam³

MORIN LAKE NEAR VICTOIRE - STATION NO 05AE003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	27.874	27.935	27.875	27.778	27.784	---	---	1
2	---	---	---	---	---	27.878	27.924	27.873	27.788	27.757	---	---	2
3	---	---	---	---	---	27.887	27.927	27.873	27.778	27.751	---	---	3
4	---	---	---	---	---	27.885	27.918	27.888	27.788	27.748	---	---	4
5	---	---	---	---	---	27.888	27.917	27.877	27.788	27.747	---	---	5
6	---	---	---	---	---	27.885	27.917	27.879	27.785	27.746	---	---	6
7	---	---	---	---	---	27.871	27.921	27.886	27.783	27.746	---	---	7
8	---	---	---	---	---	27.845	27.913	27.871	27.778	27.747	---	---	8
9	---	---	---	---	---	27.841	27.904	27.886	27.773	27.745	---	---	9
10	---	---	---	---	---	27.845	27.905	27.884	27.773	27.745	---	---	10
11	---	---	---	---	---	27.842	27.904	27.852	27.788	27.743	---	---	11
12	---	---	---	---	---	27.842	27.900	27.852	27.786	27.741	---	---	12
13	---	---	---	---	---	27.842	27.898	27.847	27.784	27.740	---	---	13
14	---	---	---	---	---	27.842	27.904	27.851	27.782	27.737	---	---	14
15	---	---	---	---	---	27.842	27.902	27.842	27.756	27.748	---	---	15
16	---	---	---	---	---	27.845	27.917	27.838	27.752	27.755	---	---	16
17	---	---	---	---	---	27.848	27.904	27.839	27.750	27.753	---	---	17
18	---	---	---	---	---	27.845	27.909	27.831	27.751	27.748	---	---	18
19	---	---	---	---	---	27.852	27.903	27.826	27.754	27.786	---	---	19
20	---	---	---	---	---	27.881	27.903	27.830	27.745	27.785	27.779	---	20
21	---	---	---	---	---	27.883	27.903	27.838	27.747	27.782	---	---	21
22	---	---	---	---	---	27.882	27.902	27.830	27.784	27.755	---	---	22
23	---	---	---	---	---	27.882	27.893	27.827	27.789	27.755	---	---	23
24	---	---	---	---	27.878	27.889	27.892	27.830	27.787	27.759	---	---	24
25	---	---	---	---	27.876	27.880	27.894	27.826	27.788	27.758	---	---	25
26	---	---	---	---	27.875	27.854	27.881E	27.827	27.770	27.761	---	---	26
27	---	---	---	---	27.873	27.851	27.888	27.826	27.787	27.758	---	---	27
28	---	---	---	---	27.875	27.848	27.878	27.826	27.782	27.748	---	---	28
29	---	---	---	---	27.876	27.844	27.878E	27.802	27.782E	---	---	---	29
30	---		---	---	27.872	27.838	27.878	27.801	27.782	---	---	---	30
31	---		---		27.878		27.879	27.778		---		---	31
MEAN	---	---	---	---	---	27.931	27.903	27.844	27.786	---	---	---	MEAN
MAX	---	---	---	---	---	27.883	27.938	27.886	27.788	---	---	---	MAX
MIN	---	---	---	---	---	27.845	27.878	27.778	27.745	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.883 ON JUN 21
MINIMUM DAILY, 27.737 ON OCT 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 29 52 N
LONG 107 03 32 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

MOSQUITO CREEK NEAR PAMBRUN - STATION NO 05JB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 037	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 032	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 032	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 031	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 032	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 032	0	0 004	0	0	0	0	---	---	6
7	---	---	0 B	0 032	0	0 006	0	0	0	0	---	---	7
8	---	---	0 B	0 032	0	0 004	0	0	0	0	---	---	8
9	---	---	0 B	0 028	0	0 002	0	0	0	0	---	---	9
10	---	---	0 B	0 026	0	0 001	0	0	0	0	---	---	10
11	---	---	0 B	0 022	0	0 001	0	0	0	0	---	---	11
12	---	---	0 B	0 019	0	0 001	0	0	0	0	---	---	12
13	---	---	0 B	0 014	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0 011	0	0 001	0	0	0	0	---	---	14
15	---	---	0 B	0 008	0	0 001	0	0	0	0	---	---	15
16	---	---	0 B	0 005	0 002	0	0	0	0	0	---	---	16
17	---	---	0 B	0 003	0 001	0	0	0	0	0	---	---	17
18	---	---	0 B	0 001	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 4738	0	0	0	0	0	0	0	---	---	21
22	---	---	0 6588	0	0	0	0	0	0	0	---	---	22
23	---	---	0 4088	0	0	0	0	0	0	0	---	---	23
24	---	---	0 2908	0	0	0	0	0	0	0	---	---	24
25	---	---	0 2198	0	0	0	0	0	0	0	---	---	25
26	---	---	0 1308	0	0	0	0	0	0	0	---	---	26
27	---	---	0 100	0	0	0	0	0	0	0	---	---	27
28	---	---	0 077	0	0	0	0	0	0	0	---	---	28
29	---	---	0 064	0	0	0	0	0	0	0	---	---	29
30	---		0 051	0	0	0	0	0	0	0	---	---	30
31	---		0 042		0		0	0		0		---	31
TOTAL	---	---	2 512	0 397	0 003	0 021	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 081	0 013	0	0 001	0	0	0	0	---	---	MEAN
MAX	---	---	0 858	0 037	0 002	0 006	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 012
MAXIMUM DAILY, 0 6588 ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1 528 AT 21 48 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 107 26 13 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	217	SEP	0
APR	34 3	OCT	0
MAY	0 26	NOV	---
JUN	1 81	DEC	---

TOTAL DISCHARGE, 253 dam³

MUDDY LAKE INFLOW NEAR REVENUE - STATION NO 05GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 019	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 011	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 006	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 004	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 003	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 002	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 002	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0 001	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 0018	0	0	0	0	0	0	0	---	---	18
19	---	---	0 0058	0	0	0	0	0	0	0	---	---	19
20	---	---	0 0888	0	0	0	0	0	0	0	---	---	20
21	---	---	0 1328	0	0	0	0	0	0	0	---	---	21
22	---	---	0 8348	0	0	0	0	0	0	0	---	---	22
23	---	---	3 49	0	0	0	0	0	0	0	---	---	23
24	---	---	1 85	0	0	0	0	0	0	0	---	---	24
25	---	---	0 847	0	0	0	0	0	0	0	---	---	25
26	---	---	0 459	0	0	0	0	0	0	0	---	---	26
27	---	---	0 219	0	0	0	0	0	0	0	---	---	27
28	---	---	0 116	0	0	0	0	0	0	0	---	---	28
29	---	---	0 088	0	0	0	0	0	0	0	---	---	29
30	---		0 043	0	0	0	0	0	0	0	---	---	30
31	---		0 029		0		0	0		0		---	31
TOTAL	---	---	8 161	0 048	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 263	0 002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	3 49	0 018	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 034
MAXIMUM DAILY, 3 49 ON MAR 23
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
7 29 AT 21:37 CST ON MAR 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 50 N
LONG 109 02 10 W
DRAINAGE AREA, 252 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	705	SEP	0
APR	4 15	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 709 dam³

MUDJATIK RIVER NEAR FORCIER LAKE - STATION NO 08BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.0B	12.9B	12.4B	11.6B	31.5	39.3	27.3	17.3	15.9	15.1	21.2B	18.1B	1
2	13.9B	13.0B	12.3B	11.8B	30.9	39.3	26.8	17.1	15.9	15.0	20.9B	18.0B	2
3	13.8B	13.0B	12.2B	12.1B	30.9	39.6	25.7	16.7	16.0	15.1	20.5B	18.0B	3
4	13.7B	13.0B	12.2B	12.7B	30.4	39.3	24.8	16.3	16.0	15.4	20.3B	18.0B	4
5	13.6B	13.0B	12.1B	13.7B	29.7	39.2	24.2	16.1	15.8	15.6	20.1B	18.0B	5
6	13.7B	13.1B	12.0B	14.5B	29.2	38.6	23.6	16.1	15.8	15.6	20.4B	17.9B	6
7	13.6B	13.1B	12.1B	15.2B	29.1	37.9	23.6	16.6	16.3	15.7	20.1B	17.8B	7
8	13.5B	13.0B	12.1B	15.6B	28.9	36.8	23.7	17.6	16.2	15.5	19.9B	17.8B	8
9	13.3B	13.0B	12.0B	16.5B	28.8	36.2	23.7	18.4	15.9	15.5	19.8B	17.7B	9
10	13.2B	13.0B	11.9B	17.4B	28.9	35.7	23.5	19.0	15.9	15.4	19.7B	17.6B	10
11	13.2B	12.9B	11.9B	18.3B	29.2	35.2	23.2	19.3	16.1	15.2	19.5B	17.7B	11
12	13.2B	12.8B	11.9B	18.9B	29.4	34.4	22.7	19.2	16.0	15.2	19.5B	17.7B	12
13	13.1B	12.7B	11.9B	27.8B	29.4	33.5	22.3	18.8	15.9	15.2	19.3B	17.7B	13
14	13.0B	12.6B	11.6B	39.4B	29.1	32.9	22.0	18.5	15.8	15.3	19.3B	17.5B	14
15	12.9B	12.6B	11.6B	38.3	28.7	32.4	21.8	18.4	15.6	15.6	19.2B	16.7B	15
16	12.8B	12.6B	11.6B	33.4	29.0	31.8	21.6	18.3	15.4	16.5	18.6B	15.9B	16
17	12.7B	12.5B	11.5B	32.9	31.0	31.4	21.7	18.3	15.2	17.6	18.0B	15.3B	17
18	12.6B	12.6B	11.4B	32.5	36.1	31.3	21.3	18.1	15.0	19.4	17.8B	15.0B	18
19	12.6B	12.6B	11.3B	32.2	39.6	31.0	21.1	18.1	14.9	21.3	17.8B	14.6B	19
20	12.6B	12.6B	11.3B	32.1	41.4	30.9	20.9	17.5	14.8	22.3	18.1B	14.4B	20
21	12.7B	12.6B	11.4B	32.1	42.7	31.3	20.5	17.1	14.7	22.7	18.1B	14.3B	21
22	12.8B	12.4B	11.2B	32.1	42.8	31.3	20.1	17.1	14.8	22.9	18.0B	14.1B	22
23	12.7B	12.3B	11.1B	32.1	42.6	31.0	20.0	16.8	14.9	23.1	18.0B	14.0B	23
24	12.6B	12.3B	11.1B	32.3	42.7	30.7	19.9	16.6	15.1	22.6B	18.1B	14.0B	24
25	12.7B	12.3B	11.2B	32.5	42.7	30.3	19.6	16.4	15.2	22.7B	18.1B	14.0B	25
26	12.6B	12.3B	11.2B	32.5	42.4	30.0	19.4	16.0	15.3	22.9B	18.0B	13.9B	26
27	12.6B	12.2B	11.2B	32.6	42.0	29.7	19.0	15.7	15.3	20.5B	18.1B	13.7B	27
28	12.8B	12.2B	11.1B	32.5	41.4	29.2	18.6	15.7	15.2	18.4B	18.2B	13.4B	28
29	13.0B	12.4B	11.1B	32.3	40.9	28.7	18.3	16.5	15.2	21.8B	18.2B	13.1B	29
30	13.0B		11.1B	32.2	40.2	27.8	17.9	16.4	15.2	22.2B	18.2B	12.9B	30
31	13.0B		11.3B		39.7		17.6	16.1		20.7B		12.8B	31
TOTAL	405.7	367.5	360.3	770.1	1 081.7	1 006.7	676.6	536.3	465.3	568.0	571.0	491.6	TOTAL
MEAN	13.1	12.7	11.6	25.7	34.9	33.6	21.8	17.3	15.5	18.3	19.0	15.9	MEAN
MAX	14.0	13.1	12.4	39.4	42.8	39.6	27.3	19.3	16.3	23.1	21.2	18.1	MAX
MIN	12.6	12.2	11.1	11.6	28.7	27.8	17.6	15.7	14.7	15.0	17.8	12.8	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.9
MAXIMUM DAILY, 42.8 ON MAY 22
MINIMUM DAILY, 11.1B ON MAR 23
MAXIMUM INSTANTANEOUS,
46.2 AT 00:01 CST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 05 30 N
LONG 107 35 30 W
DRAINAGE AREA, 5 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 100	JUL	58 500
FEB	31 800	AUG	46 300
MAR	31 100	SEP	40 200
APR	66 500	OCT	49 100
MAY	93 500	NOV	49 300
JUN	87 000	DEC	42 500

TOTAL DISCHARGE, 631 000 dam³

NASHLYN CANAL NEAR CONSUL - STATION NO 11AB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.238	0.007	0	0	0	0	---	---	1
2	---	---	0	0	0.210	0.002	0	0	0	0	---	---	2
3	---	---	0	0.332A	0.223	0	0	0	0	0	---	---	3
4	---	---	0	0.416	0.454	0	0	0	0	0	---	---	4
5	---	---	0	0.536	0.337	0	0	0	0	0	---	---	5
6	---	---	0	0.570	0.238	0	0	0	0	0	---	---	6
7	---	---	0	0.692	0.149	0	0	0	0	0	---	---	7
8	---	---	0	0.765	0.098	0	0	0	0	0	---	---	8
9	---	---	0	0.826	0.075	0	0	0	0	0	---	---	9
10	---	---	0	0.736	0.044	0	0	0	0	0	---	---	10
11	---	---	0	0.648	0.090	0	0	0	0	0	---	---	11
12	---	---	0	0.512	0.190	0	0	0	0	0	---	---	12
13	---	---	0	0.380	0.154	0	0	0	0	0	---	---	13
14	---	---	0	0.333	0.129	0	0	0	0	0	---	---	14
15	---	---	0	0.444	0.190	0	0	0	0	0	---	---	15
16	---	---	0	0.524	0.194	0	0	0	0	0	---	---	16
17	---	---	0	0.411	0.233	0	0	0	0	0	---	---	17
18	---	---	0	0.369	0.234	0.057A	0	0	0	0	---	---	18
19	---	---	0	0.278	0.262	0.258	0	0	0	0	---	---	19
20	---	---	0	0.021	0.295	0.184	0	0	0	0	---	---	20
21	---	---	0	0.003	0.308	0.047	0	0	0	0	---	---	21
22	---	---	0	0.001	0.222	0.008	0	0	0	0	---	---	22
23	---	0	0	0	0.193	0.002	0	0	0	0	---	---	23
24	---	0	0	0.122	0.260	0	0	0	0	0	---	---	24
25	---	0	0	0.371	0.530	0	0	0	0	0	---	---	25
26	---	0	0	0.391	0.435	0	0	0	0	0	---	---	26
27	---	0	0	0.385	0.612	0	0	0	0	0	---	---	27
28	---	0	0	0.348	0.734	0	0	0	0	0	---	---	28
29	---	0	0	0.293	0.731	0	0	0	0	0	---	---	29
30	---		0	0.258	0.593	0	0	0	0	0	---	---	30
31	---		0		0.042		0	0		0		---	31
TOTAL	---	---	0	10.984	8.697	0.565	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.365	0.281	0.019	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.825	0.734	0.258	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0.042	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.083
MAXIMUM DAILY, 0.825 ON APR 9
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 13 56 N
LONG 109 33 27 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	947	OCT	0
MAY	751	NOV	---
JUN	48.6	DEC	---

TOTAL DISCHARGE, 1 750 dam³

NEMEIBEN LAKE NEAR LA RONGE - STATION NO 08CB003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	370.351	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	370.345	---	---	---	4
5	---	---	---	---	---	---	---	---	370.345	---	---	---	5
6	---	---	---	---	---	---	---	---	370.340	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	370.347	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	370.328	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	370.334	---	19
20	---	---	---	---	---	---	---	---	370.319	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	370.522	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	370.380	---	---	---	---	28
29	---	---	---	---	---	---	---	370.367	---	---	---	---	29
30	---	---	---	---	---	---	---	---	370.296	---	---	---	30
31	---		---	---	---	---	---	---	---	---	---	---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 15 38 N
LONG 105 22 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWTON LAKE - STATION NO 11AC056

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	801.389E	801.518	801.693	800.406	799.561	799.171	DRY	DRY	---	---	1
2	---	---	801.371E	801.539	801.656	800.366	799.548	799.162	DRY	DRY	---	---	2
3	---	---	801.372E	801.558	801.623	800.329	799.536	799.142	DRY	DRY	---	---	3
4	---	---	801.374E	801.572	801.588	800.285	799.525	799.133	DRY	DRY	---	---	4
5	---	---	801.376E	801.585	801.548	800.250	799.510	799.115	DRY	DRY	---	---	5
6	---	---	801.377E	801.600	801.503	800.230	799.493	799.081	DRY	DRY	---	---	6
7	---	---	801.378E	801.614	801.455	800.192	799.482	799.061A	DRY	DRY	---	---	7
8	---	---	801.380E	801.630	801.410	800.142	799.469	799.033A	DRY	DRY	---	---	8
9	---	---	801.381A	801.652	801.381	800.083	799.459	799.022E	DRY	DRY	---	---	9
10	---	---	801.384	801.663	801.308	800.021	799.451	DRY	DRY	DRY	---	---	10
11	---	---	801.383	801.681	801.251	799.956	799.443	DRY	DRY	DRY	---	---	11
12	---	---	801.388	801.688	801.197	799.893	799.429	DRY	DRY	DRY	---	---	12
13	---	---	801.398	801.715	801.138	799.843	799.418	DRY	DRY	DRY	---	---	13
14	---	---	801.407	801.743	801.068	799.844	799.408	DRY	DRY	DRY	---	---	14
15	---	---	801.408	801.768	801.016	799.845	799.398	DRY	DRY	DRY	---	---	15
16	---	---	801.412	801.782	800.970	799.828	799.383	DRY	DRY	DRY	---	---	16
17	---	---	801.414	801.812	800.918	799.806	799.368	DRY	DRY	DRY	---	---	17
18	---	---	801.419	801.833	800.853	799.777	799.352	DRY	DRY	DRY	---	---	18
19	---	---	801.423	801.840	800.778	799.767	799.345	DRY	DRY	DRY	---	---	19
20	---	801.385A	801.428	801.849	800.738	799.738	799.337	DRY	DRY	DRY	---	---	20
21	---	801.386A	801.425	801.848	800.718	799.727	799.327	DRY	DRY	DRY	---	---	21
22	---	801.387E	801.431	801.854	800.695	799.711	799.318	DRY	DRY	DRY	---	---	22
23	---	801.388E	801.438	801.861	800.683	799.693	799.309	DRY	DRY	DRY	---	---	23
24	---	801.390E	801.444	801.870	800.657	799.675	799.294	DRY	DRY	DRY	---	---	24
25	---	801.392E	801.456	801.879	800.634	799.654	799.282	DRY	DRY	DRY	---	---	25
26	---	801.393E	801.459	801.864	800.600	799.635	799.268	DRY	DRY	DRY	---	---	26
27	---	801.395E	801.483	801.835	800.586	799.621	799.252	DRY	DRY	DRY	---	---	27
28	---	801.396E	801.484	801.804	800.535	799.606	799.233	DRY	DRY	DRY	---	---	28
29	---	801.362E	801.470	801.771	800.498	799.591	799.221	DRY	DRY	DRY	---	---	29
30	---		801.478	801.733	800.474	799.578	799.215	DRY	DRY	DRY	---	---	30
31	---		801.485		800.443		799.189	DRY		DRY			31
MEAN	---	---	801.415	801.733	801.018	799.903	799.381	---	DRY	DRY	---	---	MEAN
MAX	---	---	801.485	801.879	801.693	800.406	799.561	799.171	DRY	DRY	---	---	MAX
MIN	---	---	801.389	801.518	800.443	799.578	799.189	DRY	DRY	DRY	---	---	MIN

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 18 12 N
LONG 107 48 30 W

WATER LEVELS IN METRES

MAXIMUM DAILY, 801.879 ON APR 25
MINIMUM DAILY, DRY ON AUG 10
MAXIMUM INSTANTANEOUS,
801.881 AT 09:44 CST ON APR 25

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY .052 m ADJUSTMENT TO CONVERT TO TOPOGRAPHIC SURVEY DATUM

REMARKS - WIND EFFECTS WERE GRAPHICALLY ELIMINATED BEFORE CALCULATING DAILY VALUES

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1937

NEWTON LAKE MAIN CANAL - STATION NO 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	2 53	0	0	0	0	0	---	---	1
2	---	---	0	0	2 54	0	0	0	0	0	---	---	2
3	---	---	0	0	3 50	0	0	0	0	0	---	---	3
4	---	---	0	0	2 59	0	0	0	0	0	---	---	4
5	---	---	0	0	2 59	0	0	0	0	0	---	---	5
6	---	---	0	0	2 46	0	0	0	0	0	---	---	6
7	---	---	0	0	2 41	0	0	0	0	0	---	---	7
8	---	---	0	0	2 40	0	0	0	0	0	---	---	8
9	---	---	0	0	2 43	0	0	0	0	0	---	---	9
10	---	---	0	0	2 38	0	0	0	0	0	---	---	10
11	---	---	0	0	2 33	0	0	0	0	0	---	---	11
12	---	---	0	0	2 27	0	0	0	0	0	---	---	12
13	---	---	0	0	2 22	0	0	0	0	0	---	---	13
14	---	---	0	0	2 15	0	0	0	0	0	---	---	14
15	---	---	0	0	2 11	0	0	0	0	0	---	---	15
16	---	---	0	0	1 88	0	0	0	0	0	---	---	16
17	---	---	0	0	1 27	0	0	0	0	0	---	---	17
18	---	---	0	0	1 03	0	0	0	0	0	---	---	18
19	---	---	0	/	0 786	0	0	0	0	0	---	---	19
20	---	---	0	0	0 301	0	0	0	0	0	---	---	20
21	---	---	0	0	0 120	0	0	0	0	0	---	---	21
22	---	---	0	0	0 106	0	0	0	0	0	---	---	22
23	---	---	0	0	0 042	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0 917	0	0	0	0	0	0	---	---	25
26	---	---	0	1 52	0	0	0	0	0	0	---	---	26
27	---	---	0	1 97	0	0	0	0	0	0	---	---	27
28	---	---	0	2 37	0	0	0	0	0	0	---	---	28
29	---	---	0	2 66	0	0	0	0	0	0	---	---	29
30	---		0	2 57	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	11 857	41 395	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0 389	1 34	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	2 66	2 59	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 217
MAXIMUM DAILY, 2 66 ON APR 29
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 10 N
LONG 107 48 05 W

REGULATED SINCE 1937

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	1 010	OCT	0
MAY	3 580	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 590 dam³

NORBURY CREEK NEAR SPIRITWOOD - STATION NO 05AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	08	0 B	0	0 647	0 151	0 045	0	0	0 0058	---	1
2	---	---	08	0 0738	0	0 747	0 115	0 022	0	0	0 0058	---	2
3	---	---	08	0 1678	0	0 721	0 356	0 003	0	0	0 0048	---	3
4	---	---	08	0 1769	0	0 641	0 075	0	0	0	0 0038	---	4
5	---	---	08	0 1958	0	0 550	0 088	0	0	0	0 0028	---	5
6	---	---	08	0 2338	0	0 467	0 069	0	0	0	0 0018	---	6
7	---	---	08	0 2438	0	0 477	0 057	0	0	0	0 B	---	7
8	---	---	08	0 2218	0	0 484	0 039	0	0	0	0 B	---	8
9	---	---	08	0 1828	0	0 592	0 032	0	0	0	---	---	9
10	---	---	08	0 1458	0	0 995	0 014	0	0	0	---	---	10
11	---	---	08	0 129	0	1 70	0	0	0	0	---	---	11
12	---	---	08	0 109	0	3 27	0	0	0	0	---	---	12
13	---	---	08	0 093	0	3 74	0 006	0	0	0	---	---	13
14	---	---	08	0 071	0	3 07	0 006	0	0	0	---	---	14
15	---	---	08	0 055	0	2 39	0 003	0	0	0	---	---	15
16	---	---	08	0 050	0	1 88	0	0	0	0	---	---	16
17	---	---	08	0 044	0	1 53	0	0	0	0	---	---	17
18	---	---	08	0 024	0	1 38	0	0	0	0	---	---	18
19	---	---	08	0 015	0 001	1 19	0	0	0	0	---	---	19
20	---	---	08	0 001	0 005	1 08	0	0	0	0 001	---	---	20
21	---	---	08	0	0 021	0 967	0	0	0	0 001	---	---	21
22	---	---	08	0	0 028	1 04	0	0	0	0 001	---	---	22
23	---	---	08	0	0 372	0 993	0	0	0	0 007	---	---	23
24	---	---	08	0	0 681	0 822	0	0	0	0 0138	---	---	24
25	---	---	08	0	0 558	0 858	0	0	0	0 0178	---	---	25
26	---	---	08	0	0 494	0 526	0 182	0	0	0 0188	---	---	26
27	---	---	08	0	0 436	0 418	0 107	0	0	0 0158	---	---	27
28	---	---	08	0	0 422	0 308	0 066	0	0	0 0138	---	---	28
29	---	---	08	0	0 361	0 229	0 049	0	0	0 0118	---	---	29
30	---		08	0	0 346	0 182	0 055	0	0	0 0078	---	---	30
31	---		08		0 445		0 051	0		0 0078		---	31
TOTAL	---	---	0	2 254	4 151	33 644	1 220	0 070	0	0 111	---	---	TOTAL
MEAN	---	---	0	0 075	0 134	1 12	0 039	0 002	0	0 004	---	---	MEAN
MAX	---	---	0	0 243	0 681	3 74	0 182	0 045	0	0 018	---	---	MAX
MIN	---	---	0	0	0	0 182	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 169
MAXIMUM DAILY, 3 74 ON JUN 13
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
3 90 AT 08:28 CST ON JUN 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 21 17 N
LONG 107 28 01 W
DRAINAGE AREA, 432 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	105
FEB	---	AUG	8 05
MAR	0	SEP	0
APR	195	OCT	9 55
MAY	259	NOV	---
JUN	2 910	DEC	---

TOTAL DISCHARGE, 3 580 dam³

NORTH SASKATCHEWAN RIVER AT PRINCE ALBERT - STATION NO. 05EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	104 B	1118	117 B	1218	223	184	259	180	139	234	1508	154 B	1
2	95 78	1178	114 B	1318	225	187	240	153	194	269	1488	157 B	2
3	96 68	1188	117 B	1428	224	188	234	135	183	251	1308	159 B	3
4	106 B	1178	118 B	1678	218	155	233	128	146	227	1298	162 B	4
5	112 B	1178	118 B	2228	212	157	239	130	151	210	1388	160 B	5
6	107 B	1248	118 B	2858	210	153	242	126	138	207	1508	158 B	6
7	95 28	1258	121 B	3568	206	153	238	115	142	213	1678	159 B	7
8	84 28	1238	121 B	7548	205	160	240	114	157	305	1748	162 B	8
9	76 28	1128	111 B	5818	204	169	260	115	179	196	1728	162 B	9
10	79 98	1028	106 B	5128	196	169	275	119	182	175	1638	130 B	10
11	84 78	1038	113 B	492	188	168	271	127	178	165	1598	131 B	11
12	89 68	1108	112 B	511	181	177	258	119	169	165	1558	133 B	12
13	95 98	1158	106 B	531	180	178	250	115	158	173	1418	134 B	13
14	101 B	1198	110 B	499	198	172	240	113	152	173	1228	133 B	14
15	104 B	1218	118 B	433	204	170	223	112	162	174	1238	131 B	15
16	109 B	1218	119 B	382	191	179	204	109	178	179	1398	127 B	16
17	111 B	1208	116 B	353	182	182	193	100	188	185	1498	124 B	17
18	111 B	1188	115 B	354	202	237	180	102	188	182	1498	123 B	18
19	110 B	1188	115 B	364	200	388	187	112	187	172	1528	125 B	19
20	108 B	1168	116 B	312	198	402	187	124	157	185	1458	138 B	20
21	105 B	1158	112 B	282	188	389	198	129	153	203	1748	143 B	21
22	102 B	1238	109 B	288	185	354	190	129	153	214	1758	128 B	22
23	102 B	1278	106 B	286	184	350	178	126	157	211	1688	112 B	23
24	104 B	1278	107 B	290	180	348	169	132	168	199	1538	104 B	24
25	104 B	1218	105 B	288	190	351	165	151	189	191	1388	96 88	25
26	112 B	1178	103 B	230	198	357	154	172	159	201	1258	93 28	26
27	113 B	1218	99 98	237	208	357	147	203	149	2038	1248	96 78	27
28	108 B	1248	98 38	229	239	357	148	211	147	2048	1358	112 B	28
29	102 B	1218	97 78	228	234	336	145	204	147	1858	1428	114 B	29
30	103 B		101 B	225	223	300	151	196	197	1558	1478	103 B	30
31	107 B		109 B		206		162	200		1558		83 58	31
TOTAL	3 148 2	3 428	3 451 9	10 076	6 308	7 358	6 455	4 302	4 904	5 070	4 454	4 023 2	TOTAL
MEAN	102	118	111	338	203	245	208	139	163	196	148	130	MEAN
MAX	113	127	121	754	239	402	275	211	199	269	178	162	MAX
MIN	78 2	102	97 7	121	180	153	145	100	138	155	122	83 5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 175
MAXIMUM DAILY, 7548 ON APR 8
MINIMUM DAILY, 78 28 ON JAN 9
MAXIMUM INSTANTANEOUS,
8352 AT 06 00 CST ON APR 8

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 10 N
LONG 105 46 06 W
DRAINAGE AREA, 131 000 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	272 000	JUL	556 000
FEB	296 000	AUG	372 000
MAR	298 000	SEP	424 000
APR	871 000	OCT	524 000
MAY	545 000	NOV	385 000
JUN	636 000	DEC	348 000

TOTAL DISCHARGE, 5 530 000 dam³

NORTH SASKATCHEWAN RIVER NEAR DEER CREEK - STATION NO. 05EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1068	130 B	112 B	2398	181	96 5	234	93 8	119	190	1808	157 B	1
2	1068	123 B	110 B	2388	176	93 8	228	98 4	137	198	1788	145 B	2
3	1118	114 B	102 B	2548	180	116	237	108	173	184	1708	126 B	3
4	1138	108 B	100 B	2788	188	120	257	103	174	187	1568	123 B	4
5	1158	105 B	106 B	2788	186	112	286	121	164	148	1398	133 B	5
6	1168	108 B	88 08	2518	157	123	273	111	159	134	1428	131 B	6
7	1168	115 B	92 18	2148	164	130	259	101	151	150	1538	129 B	7
8	1178	120 B	102 B	2418	163	132	246	104	133	154	1658	131 B	8
9	1178	116 B	106 B	449	177	124	229	109	131	152	1758	125 B	9
10	1168	111 B	103 B	374	180	148	209	101	172	157	1618	121 B	10
11	1168	108 B	98 68	339	160	143	177	89 9	183	160	1548	121 B	11
12	1138	107 B	104 B	303	161	145	172	88 4	150	150	1518	124 B	12
13	1108	106 B	103 B	314	173	351	150	107	165	133	1498	124 B	13
14	1068	109 B	108 B	323	158	393	155	111	148	142	1968	156 B	14
15	1078	112 B	99 98	286	154	395	191	125	137	169	1958	148 B	15
16	1068	114 B	101 B	254	141	336	195	125	124	175	1758	118 B	16
17	1118	117 B	104 B	252	145	324	186	104	131	199	1598	108 B	17
18	1188	117 B	102 B	246	140	326	181	121	130	184	1408	102 B	18
19	1188	110 B	95 88	271	133	328	153	148	139	172	1188	102 B	19
20	1198	108 B	89 08	231	153	334	146	157	139	164	1178	110 B	20
21	1158	109 B	89 88	203	146	331	131	208	125	191	1488	130 B	21
22	1098	102 B	98 98	190	182	328	133	232	124	185	1498	128 B	22
23	1059	99 08	106 B	181	204	336	136	214	132	182	1518	113 B	23
24	1048	98 08	103 B	188	185	321	136	191	126	173	1618	101 B	24
25	1088	100 B	97 88	186	177	279	172	199	158	185	1678	110 B	25
26	1108	102 B	99 68	187	151	236	193	196	290	147	1658	118 B	26
27	1208	103 B	120 B	195	128	209	148	197	278	1228	1688	124 B	27
28	1288	105 B	149 B	195	119	218	124	185	237	1458	1778	112 B	28
29	1288	106 B	184 B	191	111	215	113	182	200	1108	1808	105 B	29
30	1308		205 B	186	110	229	115	161	184	1458	1658	100 B	30
31	1328		232 B		121		121	130		1708		92 08	31
TOTAL	3 545	3 182.0	3 514.7	7 536	4 881	6 870.1	5 644	4 259 8	4 795	5 013	4 885	3 776 0	TOTAL
MEAN	114	110	113	251	157	229	182	137	160	162	162	122	MEAN
MAX	132	130	232	449	204	395	286	222	290	198	198	187	MAX
MIN	104	88.0	88.0	181	110	93 8	113	88 4	119	110	117	92.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 156
MAXIMUM DAILY, 449 ON APR 8
MINIMUM DAILY, 88.08 ON MAR 6
MAXIMUM INSTANTANEOUS,
513 AT 10:43 CST ON APR 9

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 31 00 N
LONG 106 36 40 W
DRAINAGE AREA, 67 100 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	306 000	JUL	488 000
FEB	275 000	AUG	366 000
MAR	304 000	SEP	414 000
APR	651 000	OCT	433 000
MAY	420 000	NOV	419 000
JUN	594 000	DEC	326 000

TOTAL DISCHARGE, 5 000 000 dam³

NOTUKEU CREEK ABOVE ADMIRAL RESERVOIR - STATION NO 05JB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0.013	0	0	0	0	0	0	---	---	1
2	---	---	0.0028	0.012	0	0	0	0	0	0	---	---	2
3	---	---	0.0038	0.012	0	0	0	0	0	0	---	---	3
4	---	---	0.0028	0.014	0	0	0	0	0	0	---	---	4
5	---	---	0.0028	0.014	0	0	0	0	0	0	---	---	5
6	---	---	0.0018	0.014	0	0	0	0	0	0	---	---	6
7	---	---	0.0018	0.043	0	0	0	0	0	0	---	---	7
8	---	---	0.0018	0.018	0	0	0	0	0	0	---	---	8
9	---	---	0.0018	0.013	0	0	0	0	0	0	---	---	9
10	---	---	0.0018	0.008	0	0	0	0	0	0	---	---	10
11	---	---	0.0018	0.007	0	0	0	0	0	0	---	---	11
12	---	---	0.0018	0.005	0	0	0	0	0	0	---	---	12
13	---	---	0.0018	0.004	0	0	0	0	0	0	---	---	13
14	---	---	0.0018	0.003	0	0	0	0	0	0	---	---	14
15	---	---	0.0018	0.002	0	0	0	0	0	0	---	---	15
16	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	16
17	---	---	0.0018	0.001	0	0	0	0	0	0	---	---	17
18	---	---	0.0028	0.001	0	0	0	0	0	0	---	---	18
19	---	---	0.0058	0	0	0	0	0	0	0	---	---	19
20	---	---	0.0428	0	0	0	0	0	0	0	---	---	20
21	---	0.0048	0.1768	0	0	0	0	0	0	0	---	---	21
22	---	0.0038	0.1308	0	0	0	0	0	0	0	---	---	22
23	---	0.0028	0.1548	0	0	0	0	0	0	0	---	---	23
24	---	0.0028	0.1168	0	0	0	0	0	0	0	---	---	24
25	---	0.0018	0.0688	0	0	0	0	0	0	0	---	---	25
26	---	0.0018	0.052	0	0	0	0	0	0	0	---	---	26
27	---	0.0018	0.051	0	0	0	0	0	0	0	---	---	27
28	---	0.0018	0.019	0	0	0	0	0	0	0	---	---	28
29	---	0.0018	0.021	0	0	0	0	0	0	0	---	---	29
30	---		0.019	0	0	0	0	0	0	0	---	---	30
31	---		0.015		0		0	0		0		---	31
TOTAL	---	---	0.892	0.185	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.029	0.006	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.176	0.043	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0.001	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.1768 ON MAR 21
MINIMUM DAILY, 0 ON APR 19
MAXIMUM INSTANTANEOUS,
0.7368 AT 07:30 CST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 32 N
LONG 108 07 31 W
DRAINAGE AREA, 453 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	77.1	SEP	0
APR	16.0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 93.1 dam³

NOTUKEU CREEK NEAR VANGUARD - STATION NO 05JB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	0.050B	0.050B	0.0348	0.012	0.001	0	0	0	0	---	---	1
2	---	0.050B	0.050B	0.050B	0.005	0.001	0	0	0	0	---	---	2
3	---	0.050B	0.050B	0.078	0.004	0.001	0	0	0	0	---	---	3
4	---	0.050B	0.050B	0.074	0.003	0.001	0	0	0	0	---	---	4
5	---	0.050B	0.050B	0.066	0.002	0.001	0	0	0	0	---	---	5
6	---	0.050B	0.050B	0.054	0.002	0.001	0	0	0	0	---	---	6
7	---	0.050B	0.050B	0.053	0.002	0.001	0	0	0	0	---	---	7
8	---	0.050B	0.050B	0.042	0.002	0.001	0	0	0	0	---	---	8
9	---	0.050B	0.050B	0.040	0.002	0.001	0	0	0	0	---	---	9
10	---	0.050B	0.0518	0.063	0.002	0.001	0	0	0	0	---	---	10
11	---	0.050B	0.050B	0.143	0.002	0.001	0	0	0	0	---	---	11
12	---	0.050B	0.050B	0.269	0.002	0.001	0	0	0	0	---	---	12
13	---	0.050B	0.0498	0.230	0.002	0.001	0	0	0	0	---	---	13
14	---	0.050B	0.0528	0.154	0.002	0.001	0	0	0	0	---	---	14
15	---	0.050B	0.0518	0.033	0.002	0.001	0	0	0	0	---	---	15
16	---	0.050B	0.0488	0.017	0.002	0.001	0	0	0	0	---	---	16
17	---	0.050B	0.0488	0.009	0.002	0.001	0	0	0	0	---	---	17
18	---	0.050B	0.0518	0.005	0.002	0.001	0	0	0	0	---	---	18
19	---	0.050B	0.0598	0.004	0.002	0.001	0	0	0	0	---	---	19
20	---	0.050B	0.1178	0.003	0.002	0.001	0	0	0	0	---	---	20
21	---	0.050B	0.1718	0.002	0.002	0.001	0	0	0	0	---	---	21
22	---	0.050B	0.1948	0.002	0.002	0.001	0	0	0	0	---	---	22
23	---	0.050B	0.2198	0.002	0.002	0.001	0	0	0	0	---	---	23
24	---	0.050B	0.2248	0.003	0.002	0	0	0	0	0	---	---	24
25	---	0.050B	0.2258	0.004	0.002	0	0	0	0	0	---	---	25
26	---	0.050B	0.2088	0.006	0.001	0	0	0	0	0	---	---	26
27	---	0.050B	0.1558	0.012	0.001	0	0	0	0	0	---	---	27
28	---	0.050B	0.0948	0.019	0.001	0	0	0	0	0	---	---	28
29	---	0.050B	0.0688	0.020	0.001	0	0	0	0	0	---	---	29
30	---		0.0558	0.021	0.001	0	0	0	0	0	---	---	30
31	---		0.0378		0.001		0	0		0		---	31
TOTAL	---	1.450	2.732	1.521	0.072	0.023	0	0	0	0	---	---	TOTAL
MEAN	---	0.050	0.088	0.051	0.002	0.001	0	0	0	0	---	---	MEAN
MAX	---	0.050	0.235	0.269	0.012	0.001	0	0	0	0	---	---	MAX
MIN	---	0.050	0.037	0.002	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.018
MAXIMUM DAILY, 0.269 ON APR 12
MINIMUM DAILY, 0 ON JUN 24
MAXIMUM INSTANTANEOUS,
0.285 AT 03:17 CST ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 55 03 N
LONG 107 11 08 W
DRAINAGE AREA, 3 530 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	135	AUG	0
MAR	236	SEP	0
APR	131	OCT	0
MAY	6.22	NOV	---
JUN	1.99	DEC	---

TOTAL DISCHARGE, 375 dam³

OPUNTIA LAKE WEST INFLOW - STATION NO. 05GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 001	0	0	0	0	0	0 E	---	---	1
2	---	---	0 B	0 001	0	0	0	0	0	0 E	---	---	2
3	---	---	0 B	0 001	0	0	0	0	0	0 E	---	---	3
4	---	---	0 B	0 003	0	0	0	0	0	0 E	---	---	4
5	---	---	0 B	0 003	0	0	0	0	0	0 E	---	---	5
6	---	---	0 B	0 003	0	0	0	0	0	0 E	---	---	6
7	---	---	0 B	0 003	0	0	0	0	0	0 E	---	---	7
8	---	---	0 B	0 004	0	0	0	0	0	0 E	---	---	8
9	---	---	0 B	0 004	0	0	0	0	0	0 E	---	---	9
10	---	---	0 B	0 004	0	0	0	0	0	0 E	---	---	10
11	---	---	0 B	0 004	0	0	0	0	0	0 E	---	---	11
12	---	---	0 B	0 004	0	0	0	0	0	0 E	---	---	12
13	---	---	0 B	0 004	0	0	0	0	0	0 E	---	---	13
14	---	---	0 B	0 002	0	0	0	0	0	0 E	---	---	14
15	---	---	0 B	0 001	0	0	0	0	0A	0 E	---	---	15
16	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	16
17	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	17
18	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	18
19	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	19
20	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	20
21	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	21
22	---	---	0 B	0	0	0	0	0	0E	0 E	---	---	22
23	---	---	0 3218	0	0	0	0	0	0E	0 E	---	---	23
24	---	---	0 7778	0	0	0	0	0	0E	0 E	---	---	24
25	---	---	0 3828	0	0	0	0	0	0E	0 002E	---	---	25
26	---	---	0 174	0	0	0	0	0	0E	0 B	---	---	26
27	---	---	0 088	0	0	0	0	0	0E	0 B	---	---	27
28	---	---	0 036	0	0	0	0	0	0E	0 B	---	---	28
29	---	---	0 012	0	0	0	0	0	0E	0 B	---	---	29
30	---		0 005	0	0	0	0	0	0E	0 B	---	---	30
31	---		0 002		0		0	0		0 B		---	31
TOTAL	---	---	1 797	0 042	0	0	0	0	0	0 002	---	---	TOTAL
MEAN	---	---	0 058	0 001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 777	0 004	0	0	0	0	0	0 002	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 008
MAXIMUM DAILY, 0 7778 ON MAR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1 198 AT 16 46 CST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 47 15 N
LONG 108 37 30 W
DRAINAGE AREA 94 5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	155	SEP	0
APR	3 63	OCT	0 17
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 159 dam³

OSCAR CREEK NEAR KRYDOR - STATION NO. 05GD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0318	0 128	0 006	0 027	0 005	0 001	0 001	0 017	0 0428	---	1
2	---	---	0 0318	0 126	0 015	0 029	0 002	0 001	0 003	0 014	0 0428	---	2
3	---	---	0 0308	0 111	0 016	0 030	0	0 001	0 001	0 B10	0 0408	---	3
4	---	---	0 0298	0 117	0 018	0 025	0	0 001	0 001	0 011	0 0388	---	4
5	---	---	0 0308	0 118	0 013	0 030	0	0 001	0 001	0 008	0 0378	---	5
6	---	---	0 0318	0 132	0 005	0 041	0	0 001	0 001	0 008	0 0388	---	6
7	---	---	0 0328	0 160	0 005	0 112	0	0	0 004	0 015	0 0348	---	7
8	---	---	0 0338	0 208	0 019	0 272	0	0	0 007	0 018	---	---	8
9	---	---	0 0338	0 206	0 025	0 247	0	0	0 008	0 017	---	---	9
10	---	---	0 0338	0 193	0 015	0 138	0	0 005	0 005	0 017	---	---	10
11	---	---	0 0328	0 187	0 020	0 083	0	0 018	0 003	0 015	---	---	11
12	---	---	0 0318	0 149	0 025	0 045	0	0 024	0 004	0 017	---	---	12
13	---	---	0 0288	0 111	0 030	0 024	0 001	0 064	0 003	0 018	---	---	13
14	---	---	0 0318	0 047	0 030	0 157	0 001	0 102	0 002	0 016	---	---	14
15	---	---	0 0318	0 010	0 021	0 090	0 001	0 062	0 002	0 015	---	---	15
16	---	---	0 0318	0 013	0 040	0 218	0 002	0 051	0 001	0 024	---	---	16
17	---	---	0 0318	0 013	0 072	0 112	0 008	0 037	0	0 095	---	---	17
18	---	---	0 0318	0 015	0 148	0 045	0 007	0 033	0	0 096	---	---	18
19	---	---	0 0308	0 004	0 440	0 026	0 009	0 035	0	0 087	---	---	19
20	---	---	0 0428	0 001	0 203	0 015	0 089	0 034	0	0 104	---	---	20
21	---	---	0 0508	0 003	0 093	0 019	0 110	0 017	0 009	0 097	---	---	21
22	---	---	0 0488	0 005	0 080	0 032	0 056	0 009	0 022	0 108	---	---	22
23	---	---	0 0418	0 021	0 061	0 050	0 027	0 005	0 032	0 107	---	---	23
24	---	---	0 0418	0 021	0 100	0 043	0 010	0 002	0 055	0 100	---	---	24
25	---	---	0 0638	0 035	0 287	0 037	0 007	0 003	0 031	0 092	---	---	25
26	---	---	0 0508	0 022	0 105	0 030	0 006	0 001	0 025	0 095	---	---	26
27	---	---	0 0928	0 018	0 068	0 020	0 004	0 001	0 022	0 0918	---	---	27
28	---	---	0 088	0 011	0 043	0 015	0 002	0 001	0 019	0 0788	---	---	28
29	---	0 0328	0 106	0 010	0 033	0 009	0 002	0 001	0 019	0 0638	---	---	29
30	---		0 113	0 008	0 028	0 004	0 002	0 001	0 022	0 0508	---	---	30
31	---		0 117		0 028		0 002	0 001		0 0448		---	31
TOTAL	---	---	1 439	2 203	2 088	2 003	0 352	0 513	0 301	1 548	---	---	TOTAL
MEAN	---	---	0 046	0 073	0 067	0 067	0 011	0 017	0 010	0 050	---	---	MEAN
MAX	---	---	0 117	0 208	0 440	0 272	0 110	0 102	0 055	0 108	---	---	MAX
MIN	---	---	0 028	0 001	0 003	0 004	0	0	0	0 008	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 043
MAXIMUM DAILY, 0 440 ON MAY 19
MINIMUM DAILY, 0 ON JUL 3
MAXIMUM INSTANTANEOUS,
2 66 AT 12 31 CST ON MAY 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 46 27 N
LONG 107 07 41 W
DRAINAGE AREA, 240 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	30 4
FEB	---	AUG	44 3
MAR	124	SEP	26 0
APR	190	OCT	134
MAY	180	NOV	---
JUN	173	DEC	---

TOTAL DISCHARGE, 902 dam³

OTHERSIDE RIVER AT OUTLET OF MERCREDI LAKE - STATION NO 07LE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9 69	10 4	10 7	11 6	22 6	16 5	14 2	20 6	22 8	21 5	22 4	18 0	1
2	9 88	10 4	10 8	11 7	22 0	16 2	14 5	20 2	23 5	21 5	22 2	17 9	2
3	9 97	10 5	10 7	11 9	21 5	16 5	14 7	19 7	23 9	21 4	22 0	17 6	3
4	10 0	10 4	10 6	12 1	20 8	17 1	14 8	19 2	24 5	21 5	21 7	17 3	4
5	10 1	10 3	10 6	12 4	20 2	17 8	15 0	18 7	25 1	21 1	21 6	16 6	5
6	10 3	10 1	10 5	12 4	19 5	18 4	15 0	18 1	25 6	20 9	21 3	16 9	6
7	10 3	10 1	10 3	12 8	19 0	18 5	15 1	17 5	25 8	21 5	21 1	17 0	7
8	10 4	10 1	10 1	13 0	18 8	18 4	14 8	16 6	25 5	21 6	21 1	17 1	8
9	10 4	10 1	10 0	13 0	18 5	18 2	15 0	16 4	25 3	21 5	20 9	17 0	9
10	10 3	10 1	9 75	13 1	18 0	17 9	15 5	16 0	25 2	21 7	20 8	16 8	10
11	10 2	10 0	9 55	13 4	17 7	17 9	15 9	15 5	25 1	21 8	20 6	16 2	11
12	10 2	9 98	9 25	13 4	17 3	17 6	16 3	15 4	25 0	21 8	20 2	16 1	12
13	10 2	9 99	8 88	13 6	17 0	17 4	16 3	15 2	24 7	21 7	19 8	15 9	13
14	10 1	10 0	8 43	13 8	17 0	17 0	16 4	15 1	24 5	21 6	19 7	15 8	14
15	10 1	10 2	8 20	14 5	16 7	16 4	16 9	15 6	24 4	21 4	19 5	15 8	15
16	10 2	10 3	8 21	15 1	16 9	16 3	17 2	16 0	23 9	21 9	19 2	15 4	16
17	10 1	10 4	8 15	15 7	17 3	16 0	17 3	16 2	23 7	22 9	18 8	15 2	17
18	10 1	10 6	8 09	16 6	17 3	15 5	17 3	16 8	23 6	23 0	18 7	15 1	18
19	9 99	10 7	8 21	18 1	17 7	15 6	17 9	18 0	23 6	23 1	18 6	15 0	19
20	9 95	10 8	8 41	19 3	18 1	15 4	18 1	18 8	23 5	23 3	18 5	14 9	20
21	9 84	10 9	8 60	20 6	17 9	14 9	18 7	19 5	23 2	24 0	18 8	14 8	21
22	10 0	10 9	8 98	21 9	17 8	14 5	20 3	19 8	22 9	24 2	18 9	14 7	22
23	10 0	10 9	9 37	22 9	18 0	14 5	20 9	20 1	22 6	24 5	19 1	14 7	23
24	10 1	10 9	9 51	23 4	17 8	14 3	21 5	20 0	22 5	24 6	19 2	14 6	24
25	10 1	10 8	9 86	23 8	17 5	14 3	22 1	20 3	22 3	24 8	19 1	14 4	25
26	10 2	10 8	10 1	23 9	17 4	14 3	22 3	20 0	21 8	24 0	18 9	14 0	26
27	10 4	10 8	10 3	24 0	17 1	14 5	22 5	20 2	21 5	23 7	18 7	13 8	27
28	10 5	10 7	10 6	23 6	16 9	14 4	22 0	20 7	21 4	23 2	18 6	13 8	28
29	10 4	10 7	10 9	23 2	16 5	14 6	21 8	20 6	21 4	23 3	18 3	13 8	29
30	10 4		11 1	22 9	16 5	14 8	21 5	21 0	21 5	23 0	18 2	13 8	30
31	10 4		11 3		16 8		21 2	22 0		22 8		13 8	31
TOTAL	314 92	302 87	300 05	507 7	564 1	485 5	553 0	569 8	710 3	698 8	596 5	483 8	TOTAL
MEAN	10 2	10 4	9 68	16 9	18 2	16 2	17 8	18 4	23 7	22 5	19 9	15 6	MEAN
MAX	10 5	10 9	11 3	24 0	22 6	18 5	22 5	22 0	25 8	24 8	22 4	18 0	MAX
MIN	9 69	9 98	8 09	11 6	16 5	14 3	14 2	15 1	21 4	20 9	18 2	13 8	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16 6
MAXIMUM DAILY, 25 8 ON SEP 7
MINIMUM DAILY, 8 09 ON MAR 18
MAXIMUM INSTANTANEOUS,
26 0 AT 14 54 CST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 55 40 N
LONG 107 29 20 W
DRAINAGE AREA, 2 700 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 200	JUL	47 800
FEB	26 200	AUG	49 200
MAR	25 900	SEP	61 400
APR	43 900	OCT	60 400
MAY	48 700	NOV	51 500
JUN	41 900	DEC	41 800

TOTAL DISCHARGE, 526 000 dam³

OVERFLOWING RIVER NEAR HUDSON BAY - STATION NO 05LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 1268	0 3388	5 36	5 59	1 23	0 006	0 001	0 481	---	---	1
2	---	---	0 1068	0 4458	4 73	4 84	1 02	0 006	0 001	0 481	---	---	2
3	---	---	0 1218	0 4678	4 24	4 24	0 817	0 071	0 001	0 478	---	---	3
4	---	---	0 0998	0 6928	4 10	3 69	0 885	0 123	0 002	0 514	---	---	4
5	---	---	0 0798	1 43 B	3 50	3 16	0 569	0 081	0 001	0 595	---	---	5
6	---	---	0 0908	2 07 B	3 09	2 67	0 470	0 058	0 002	0 614	---	---	6
7	---	---	0 1078	3 00 B	3 30	3 46	0 376	0 074	0 020	0 650	---	---	7
8	---	---	0 1028	3 53 B	2 78	5 53	0 323	0 099	0 022	0 749	---	---	8
9	---	---	0 1538	3 74 B	2 45	7 84	0 303	0 098	0 140	0 749	---	---	9
10	---	---	0 1498	4 46	2 67	8 17	0 218	0 106	0 202	0 749	---	---	10
11	---	---	0 1238	4 96	3 60	8 05	0 180	0 088	0 192	0 765	---	---	11
12	---	---	0 1568	5 31	4 53	7 13	0 160	0 076	0 185	0 775	---	---	12
13	---	---	0 1518	5 74	4 74	5 96	0 167	0 072	0 249	0 784	---	---	13
14	---	---	0 1578	6 12	4 53	4 93	0 416	0 058	0 239	0 739	---	---	14
15	---	---	0 1798	5 93	4 16	4 11	0 474	0 047	0 171	0 684	---	---	15
16	---	---	0 1918	5 81	3 84	3 52	0 372	0 037	0 144	0 899	---	---	16
17	---	---	0 2458	5 88	4 23	3 13	0 353	0 041	0 116	1 05	---	---	17
18	---	---	0 2558	5 76	5 54	2 93	0 277	0 036	0 071	1 91	---	---	18
19	---	---	0 3118	5 55	10 3	2 70	0 233	0 017	0 047	2 40	---	---	19
20	---	---	0 1568	5 49	14 1	2 55	0 178	0 017	0 026	2 50	---	---	20
21	---	---	0 1498	5 24	15 3	2 45	0 177	0 017	0 052	2 26	---	---	21
22	---	---	0 1138	4 85	15 2	2 46	0 149	0 022	0 270	1 81	---	---	22
23	---	---	0 1368	4 42	14 2	2 86	0 131	0 023	0 334	1 44	---	---	23
24	---	---	0 2018	4 70	13 7	2 63	0 101	0 018	0 373	1 11 B	---	---	24
25	---	---	0 5698	6 82	13 3	2 45	0 075	0 019	0 387	1 42 B	---	---	25
26	---	---	0 4598	8 15	12 4	2 18	0 058	0 016	0 379	1 25 B	---	---	26
27	---	---	0 3128	8 98	11 2	1 93	0 046	0 011	0 378	1 16 B	---	---	27
28	---	---	0 2988	8 01	10 1	1 74	0 038	0 012	0 387	1 51 B	---	---	28
29	---	0 1468	0 1698	6 90	8 83	1 56	0 028	0 013	0 453	1 62 B	---	---	29
30	---		0 1148	6 29	7 70	1 40	0 020	0 007	0 477	1 06 B	---	---	30
31	---		0 2648		6 58		0 013	0 001		1 00 B		---	31
TOTAL	---	---	5 860	142 122	225 30	115 66	8 657	1 370	5 322	34 217	---	---	TOTAL
MEAN	---	---	0 189	4 74	7 27	3 86	0 312	0 044	0 177	1 10	---	---	MEAN
MAX	---	---	0 569	9 15	15 3	8 17	1 23	0 123	0 477	2 50	---	---	MAX
MIN	---	---	0 079	0 338	2 45	1 40	0 013	0 001	0 001	0 478	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 20
MAXIMUM DAILY, 15 3 ON MAY 21
MINIMUM DAILY, 0 001 ON AUG 31
MAXIMUM INSTANTANEOUS,
15 4 AT 03 14 CST ON MAY 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 01 51 N
LONG 102 18 58 W
DRAINAGE AREA, 349 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	834
FEB	---	AUG	118
MAR	506	SEP	460
APR	12 300	OCT	2 980
MAY	19 500	NOV	---
JUN	9 990	DEC	---

TOTAL DISCHARGE, 46 700 dam³

PAGATO RIVER AT OUTLET OF PAGATO LAKE - STATION NO. 06EA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.73	3.30	2.62	2.33	5.77	5.84	5.10	2.93	7.30	7.15	6.16	5.40	1
2	4.75	3.28	2.61	2.31	5.76	5.93	5.01	2.86	7.41A	7.23	6.05	5.34	2
3	4.71	3.29	2.58	2.29	5.78	5.94	4.92	2.83	7.71A	7.06A	5.99	5.27	3
4	4.84	3.24	2.54	2.25	5.76	5.94	4.89	2.77	7.75	6.79A	5.94	5.21	4
5	4.57	3.14	2.39	2.24	5.77	5.94	4.82	2.67	7.63	6.72A	5.85	5.11	5
6	4.52	3.07	2.37	2.23	5.71	5.97	4.67	2.65	7.98	6.60A	5.79	4.98	6
7	4.46	3.05	2.34	2.22	5.66	6.13	4.53	2.56	8.77	6.63	5.74	5.01	7
8	4.32	3.03	2.28	2.26	5.67	5.96	4.37	2.53	8.43	6.35A	5.83	5.09	8
9	4.25	3.03	2.25	2.34	5.69	5.87	4.29	2.47	8.22	6.30A	5.85	5.09	9
10	4.11	3.03	2.20	2.59	5.67	5.56	4.21	2.31	8.24	6.18A	5.77	5.08	10
11	3.97	3.02	2.13	2.83	5.62	5.45	4.21	2.32	8.28	6.09A	5.78	5.04	11
12	3.87	2.98	2.09	3.01	5.64	5.27	4.30	2.26	8.47	6.01A	5.81	4.97	12
13	3.78	2.98	2.05	3.22	5.70	5.15	4.18	2.23	8.58A	5.94A	5.88	4.86	13
14	3.71	2.98	2.00	3.36	5.70	4.98	4.08	2.47	8.62A	5.87A	5.94	4.77	14
15	3.70	3.00	1.98	3.49	5.65	4.97	3.99	2.40	8.58	5.88	6.08	4.69	15
16	3.67	3.03	2.00	3.68	5.75	5.05	3.90	2.33	8.45	6.78	6.01	4.59	16
17	3.58	2.99	2.04	3.94	5.90	4.91	3.76	2.28	8.28A	6.87	5.96	4.48	17
18	3.50	2.98	2.08	4.31	5.97	4.96	3.74	2.21	8.37	6.85	5.87	4.42	18
19	3.46	2.93	2.13	4.60	5.87	5.07	3.64	2.25	8.47	7.07	5.79	4.36	19
20	3.44	2.88	2.16	4.82	5.84	5.06	3.57	2.90	8.65	7.21	5.85	4.32	20
21	3.44	2.87	2.20	5.03	6.16	5.31	3.51	3.76	8.51	7.27	5.86	4.29B	21
22	3.41	2.91	2.21	5.23	6.23	5.44	3.41	4.18	8.83A	7.29	5.84	4.28B	22
23	3.39	2.89	2.24	5.45	6.19	5.41	3.34	4.67	8.77A	7.35	5.80	4.22B	23
24	3.44	2.87	2.26	5.64	6.23	5.32	3.28	5.15	8.12A	7.23	5.81	4.16B	24
25	3.39	2.84	2.28	5.80	6.21	5.38	3.31	5.57	8.01A	7.05	5.80	4.14B	25
26	3.37	2.79A	2.35	5.79	6.13	5.50	3.37	5.91	7.72A	7.06	5.73	4.11B	26
27	3.35	2.68A	2.38	5.84	6.11	5.48	3.26	6.26	7.61	6.99	5.65	4.06B	27
28	3.34	2.64	2.38	5.93	6.02	5.46	3.22	6.53	7.40A	6.74	5.56	4.01B	28
29	3.34	2.63	2.38	5.81	5.97	5.36	3.17	6.84	7.48	6.56	5.53	4.04B	29
30	3.38		2.36	5.78	6.00	5.22	3.12	7.16	7.35A	6.40B	5.47	4.07B	30
31	3.31		2.35		5.93		3.02	7.18		6.25B		4.07B	31
TOTAL	118.89	86.35	70.23	116.63	182.06	163.63	122.19	113.47	244.18	207.77	174.99	143.53	TOTAL
MEAN	3.84	2.98	2.27	3.89	5.87	5.45	3.94	3.66	8.14	6.70	5.63	4.63	MEAN
MAX	4.75	3.30	2.62	5.93	6.23	6.13	5.10	7.18	8.83	7.35	6.16	5.40	MAX
MIN	3.31	2.63	1.98	2.22	5.62	4.91	3.02	2.23	7.30	5.87	5.47	4.01	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.76
MAXIMUM DAILY, 8.83A ON SEP 22
MINIMUM DAILY, 1.98 ON MAR 15
MAXIMUM INSTANTANEOUS,
6.11 AT 00:08 CST ON SEP 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 56 06 40 N
LONG 102 30 30 W
DRAINAGE AREA, 961 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 300	JUL	10 600
FEB	7 460	AUG	9 800
MAR	6 070	SEP	21 100
APR	10 100	OCT	18 000
MAY	15 700	NOV	15 100
JUN	14 100	DEC	12 400

TOTAL DISCHARGE, 151 000 dam³

PAGE CREEK NEAR IFFLEY - STATION NO. 05EG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.056B	0.850B	0.078	0.687	0.033	0	0	0.003	0.017B	---	1
2	---	---	0.055B	1.45 B	0.069	0.873	0.015	0	0	0.002	0.015B	---	2
3	---	---	0.056B	2.41 B	0.054	0.841	0.003	0	0	0.002	0.013B	---	3
4	---	---	0.057B	2.06 B	0.056	0.595	0.001	0	0	0.001	0.011B	---	4
5	---	---	0.058B	2.35 B	0.073	0.564	0.025	0	0	0.001	0.010B	---	5
6	---	---	0.057B	2.98	0.076	0.532	0.011	0	0	0	---	---	6
7	---	---	0.034B	3.44	0.073	0.576	0	0	0	0	---	---	7
8	---	---	0.058B	3.19	0.086	0.642	0	0	0	0	---	---	8
9	---	---	0.059B	3.07	0.103	0.773	0	0	0	0	---	---	9
10	---	---	0.059B	2.89	0.117	0.725	0	0	0	0.005	---	---	10
11	---	---	0.059B	2.46	0.127	0.780	0	0	0	0.017	---	---	11
12	---	---	0.058B	2.27	0.129	0.736	0	0	0	0.021	---	---	12
13	---	---	0.058B	2.00	0.127	0.634	0	0	0	0.020	---	---	13
14	---	---	0.059B	1.73	0.128	0.527	0	0	0	0.018	---	---	14
15	---	---	0.059B	1.42	0.126	0.490	0	0	0	0.015	---	---	15
16	---	---	0.058B	1.12	0.157	0.515	0	0	0	0.022	---	---	16
17	---	---	0.058B	0.922	0.275	0.504	0	0	0	0.031	---	---	17
18	---	---	0.059B	0.782	0.563	0.486	0	0	0	0.028	---	---	18
19	---	---	0.058B	0.857	0.830	0.475	0	0	0	0.029	---	---	19
20	---	---	0.057B	0.550	0.827	0.450	0	0	0	0.030	---	---	20
21	---	---	0.059B	0.413	0.812	0.425	0	0	0	0.031	---	---	21
22	---	---	0.061B	0.323	0.782	0.349	0	0	0	0.029	---	---	22
23	---	---	0.064B	0.288	0.809	0.308	0	0	0	0.026	---	---	23
24	---	---	0.064B	0.296	0.932	0.263	0	0	0	0.026	---	---	24
25	---	---	0.070B	0.284	0.970	0.209	0	0	0.005	0.029	---	---	25
26	---	---	0.078B	0.193	0.891	0.180	0	0	0.006	0.051	---	---	26
27	---	0.056B	0.132B	0.144	0.957	0.123	0	0	0.004	0.045	---	---	27
28	---	0.055B	0.151B	0.112	0.915	0.086	0	0	0.003	0.022	---	---	28
29	---	0.055B	0.168B	0.091	0.849	0.054	0	0	0.001	0.021	---	---	29
30	---		0.175B	0.082	0.784	0.037	0	0	0.001	0.020	---	---	30
31	---		0.317B		0.731		0	0		0.019		---	31
TOTAL	---	---	2.469	40.807	13.616	14.023	0.088	0	0.020	0.564	---	---	TOTAL
MEAN	---	---	0.080	1.36	0.439	0.467	0.003	0	0.001	0.018	---	---	MEAN
MAX	---	---	0.317	3.44	0.991	0.780	0.033	0	0.006	0.051	---	---	MAX
MIN	---	---	0.034	0.082	0.054	0.037	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.282
MAXIMUM DAILY, 3.44 ON APR 7
MINIMUM DAILY, 0 ON JUL 7
MAXIMUM INSTANTANEOUS,
3.49 AT 17:30 CST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 56 26 N
LONG 108 05 17 W
DRAINAGE AREA, 921 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.60
FEB	---	AUG	0
MAR	213	SEP	1.73
APR	3 530	OCT	48.7
MAY	1 180	NOV	---
JUN	1 210	DEC	---

TOTAL DISCHARGE, 5 190 dam³

PASQUIA RIVER AT HIGHWAY NO. 9 - STATION NO. 05KJ014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.077B	0.100B	1.37	1.55	0.516	0.031	0.004	0.231	---	---	1
2	---	---	0.077B	0.110B	1.27	1.47	0.448	0.029	0.003	0.315	---	---	2
3	---	---	0.077B	0.119B	1.17	1.41	0.389	0.029	0.001	0.442	---	---	3
4	---	---	0.077B	0.127B	1.09	1.19	0.371	0.025	0.001	0.440	---	---	4
5	---	---	0.077B	0.135B	1.01	1.07	0.338	0.087	0.001	0.444	---	---	5
6	---	---	0.077B	0.150B	0.909	1.03	0.298	0.086	0.001	0.542	---	---	6
7	---	---	0.077B	0.190B	0.793	2.60	0.275	0.073	0.011	0.561	---	---	7
8	---	---	0.077B	0.300B	0.723	4.21	0.258	0.049	0.050	0.588	---	---	8
9	---	---	0.077B	0.600B	0.685	3.31	0.230	0.047	0.067	0.750	---	---	9
10	---	---	0.077B	1.24 B	1.02	2.54	0.215	0.040	0.071	0.982	---	---	10
11	---	---	0.077B	1.52 B	2.50	2.08	0.181	0.028	0.069	0.887	---	---	11
12	---	---	0.077B	1.97 B	2.62	1.78	0.170	0.026	0.079	0.764	---	---	12
13	---	---	0.077B	0.984B	2.15	1.57	0.169	0.027	0.151	0.684	---	---	13
14	---	---	0.077B	1.13 B	1.62	1.34	0.244	0.026	0.147	0.606	---	---	14
15	---	---	0.077B	1.92 B	1.33	1.20	0.218	0.021	0.112	0.552	---	---	15
16	---	---	0.077B	2.31	1.13	1.06	0.189	0.018	0.089	1.39	---	---	16
17	---	---	0.077B	3.50	1.46	1.04	0.177	0.015	0.071	2.87	---	---	17
18	---	---	0.077B	4.74	11.9	1.12	0.155	0.011	0.059	2.10	---	---	18
19	---	---	0.077B	4.74	7.70	1.11	0.123	0.009	0.055	1.55	---	---	19
20	---	---	0.077B	4.55	5.57	1.00	0.108	0.009	0.050	1.27	---	---	20
21	---	---	0.077B	4.26	7.07	1.36	0.115	0.010	0.054	0.995	---	---	21
22	---	---	0.077B	4.09	6.11	1.47	0.105	0.011	0.176	0.889	---	---	22
23	---	---	0.077B	3.54	4.90	1.54	0.093	0.013	0.239	0.811	---	---	23
24	---	---	0.077B	4.25	4.14	1.35	0.085	0.013	0.222	0.659B	---	---	24
25	---	---	0.077B	5.67	3.82	1.10	0.079	0.010	0.187	0.606B	---	---	25
26	---	---	0.078B	4.43	3.40	0.923	0.072	0.010	0.176	0.650B	---	---	26
27	---	---	0.079B	3.08	3.14	0.786	0.075	0.007	0.173	0.447B	---	---	27
28	---	---	0.080B	2.25	2.66	0.703	0.060	0.006	0.178	0.357B	---	---	28
29	---	0.077B	0.082B	1.85	2.34	0.643	0.045	0.004	0.183	0.346B	---	---	29
30	---		0.085B	1.56	1.91	0.575	0.035	0.004	0.199	0.350B	---	---	30
31	---		0.090B		1.80		0.042	0.002		0.350B	---	---	31
TOTAL	---	---	3.419	65.725	89.310	44.130	5.804	0.776	2.879	24.388	---	---	TOTAL
MEAN	---	---	0.078	2.19	2.88	1.47	0.190	0.025	0.096	0.787	---	---	MEAN
MAX	---	---	0.090	5.67	11.9	4.21	0.516	0.087	0.239	2.87	---	---	MAX
MIN	---	---	0.077	0.100	0.685	0.575	0.042	0.002	0.001	0.231	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.981
MAXIMUM DAILY, 11.9 ON MAY 18
MINIMUM DAILY, 0.001 ON SEP 3
MAXIMUM INSTANTANEOUS,
15.8 AT 10.26 CST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 20 N
LONG 102 06 15 W
DRAINAGE AREA, 74.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	510
FEB	---	AUG	87.0
MAR	209	SEP	249
APR	5 680	OCT	2 110
MAY	7 720	NOV	---
JUN	3 810	DEC	---

TOTAL DISCHARGE, 20 400 dam³

PELICAN LAKE AT PELICAN NARROWS - STATION NO. 05KG009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	313.835	---	314.246	---	---	---	---	---	1
2	---	---	---	---	313.837	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	313.987	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	313.837	314.018	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	313.841	---	---	---	---	---	---	---	10
11	---	---	---	---	313.843	---	---	---	---	---	---	---	11
12	---	---	---	---	---	314.049	314.217	---	---	---	---	---	12
13	---	---	---	---	---	314.053	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	313.863	---	---	---	---	---	---	---	16
17	---	---	---	---	---	314.113	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	313.901	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	313.863	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	313.934	314.229	---	---	---	---	---	---	25
26	---	---	---	---	313.938	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	313.948	---	314.190	---	---	---	---	---	28
29	---	---	---	---	---	---	314.174	---	---	---	---	---	29
30	---		---	---	---	314.249	---	314.000	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 55 09 57 N
LONG 102 56 28 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PHEASANT CREEK NEAR ABERNETHY - STATION NO 07CL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.281	0.003	0.002	0.001	0	0	0	---	---	1
2	---	---	0 B	0.203	0.003	0.002	0.001	0	0	0	---	---	2
3	---	---	0 B	0.161	0.003	0.002	0.001	0	0	0	---	---	3
4	---	---	0 B	0.174	0.004	0.002	0.001	0	0	0	---	---	4
5	---	---	0 B	0.110	0.005	0.001	0.001	0	0	0	---	---	5
6	---	---	0 0018	0.153	0.012	0.001	0	0	0	0	---	---	6
7	---	---	0 0018	0.091	0.008	0.003	0	0	0	0	---	---	7
8	---	---	0 B	0.079	0.004	0.004	0	0	0	0	---	---	8
9	---	---	0 B	0.071	0.004	0.004	0	0	0	0	---	---	9
10	---	---	0 B	0.075	0.005	0.004	0	0	0	0	---	---	10
11	---	---	0 B	0.071	0.004	0.004	0	0	0	0	---	---	11
12	---	---	0 B	0.065	0.003	0.004	0	0	0	0 011	---	---	12
13	---	---	0 B	0.068	0.004	0.003	0	0	0	0 006	---	---	13
14	---	---	0 B	0.058	0.004	0.003	0	0	0	0 002	---	---	14
15	---	---	0 B	0.050	0.005	0.003	0	0	0	0 002	---	---	15
16	---	---	0 B	0.043	0.004	0.003	0	0	0	0 003	---	---	16
17	---	---	0 B	0.042	0.032	0.003	0	0	0	0 003	---	---	17
18	---	---	0 0018	0.027	0.038	0.002	0	0	0	0 003	---	---	18
19	---	---	0 0018	0.028	0.020	0.002	0	0	0	0 003	---	---	19
20	---	---	0 0088	0.020	0.010	0.002	0	0	0	0 003	---	---	20
21	---	---	0 0338	0.008	0.008	0.002	0	0	0	0 003	---	---	21
22	---	---	0 0768	0.006	0.004	0.002	0	0	0	0 003	---	---	22
23	---	---	0 2508	0.005	0.003	0.005	0	0	0	0 002	---	---	23
24	---	---	0 6498	0.005	0.002	0.005	0	0	0	0 002	---	---	24
25	---	---	0 5958	0.007	0.004	0.015	0	0	0	0 002	---	---	25
26	---	---	0 5298	0.005	0.005	0.008	0	0	0	0 0018	---	---	26
27	---	---	0 4608	0.007	0.003	0.003	0	0	0	0 B	---	---	27
28	---	---	0 4078	0.008	0.002	0.002	0	0	0	0 B	---	---	28
29	---	---	0 3658	0.005	0.004	0.002	0	0	0	0 B	---	---	29
30	---		0 3308	0.003	0.003	0.002	0	0	0	0 B	---	---	30
31	---		0 3108		0.003		0	0		0 B		---	31
TOTAL	---	---	4 016	1 938	0 219	0 098	0 005	0	0	0 049	---	---	TOTAL
MEAN	---	---	0 130	0 065	0 007	0 003	0	0	0	0 002	---	---	MEAN
MAX	---	---	0 649	0 281	0 038	0 015	0 001	0	0	0 011	---	---	MAX
MIN	---	---	0	0 003	0 002	0 001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 026
MAXIMUM DAILY, 0 649B ON MAR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 840B AT 07:05 CST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 00 N
LONG 103 19 41 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 43
FEB	---	AUG	0
MAR	347	SEP	0
APR	167	OCT	4 23
MAY	18 9	NOV	---
JUN	8 47	DEC	---

TOTAL DISCHARGE, 546 dam³

PIKE LAKE NEAR SASKATOON - STATION NO 05HG003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	481.678	481.607	---	481.452	---	---	---	---	1
2	---	---	---	---	481.678	---	---	---	---	---	---	---	2
3	---	---	---	---	481.678	---	481.554	---	---	---	---	---	3
4	---	---	---	---	---	481.577	---	---	---	---	---	---	4
5	---	---	---	---	---	481.577	---	---	---	---	---	---	5
6	---	---	---	---	---	---	481.524	---	---	---	---	481.178	6
7	---	---	---	---	---	---	---	481.321	---	---	---	---	7
8	---	---	---	---	481.575	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	481.514	481.321	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	481.576	481.483	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	481.135	---	---	---	12
13	---	---	---	---	---	---	---	481.271	---	---	---	---	13
14	---	---	---	---	---	481.566	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	481.668	---	481.483	481.260	---	---	---	---	16
17	---	---	---	---	---	---	---	481.260	---	---	---	---	17
18	---	---	---	---	481.658	481.565	---	---	---	---	---	---	18
19	---	---	---	---	---	---	481.453	---	---	---	---	---	19
20	---	---	---	---	---	---	---	481.220	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	481.658	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	481.658	---	---	---	---	---	---	---	24
25	---	---	---	---	481.658	481.555	481.372	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	481.362	481.189	---	---	---	---	27
28	---	---	---	---	481.657	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		481.607		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 53 20 N
LONG 106 48 20 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

PINTO CREEK NEAR WOODROW - STATION NO 05JA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 007B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 039B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 022B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 013B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 008	0	0	0	0	0	0	0	---	---	23
24	---	---	0 006	0	0	0	0	0	0	0	---	---	24
25	---	---	0 004	0	0	0	0	0	0	0	---	---	25
26	---	---	0 001	0	0	0	0	0	0	0	---	---	26
27	---	---	0 001	0	0	0	0	0	0	0	---	---	27
28	---	---	0 001	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0 102	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 003	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 039	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 039B ON MAR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 082B AT 18 49 CST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 53 N
LONG 105 43 30 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	8 81	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 8 81 dam³

PIPESTONE CREEK NEAR MOOSOMIN - STATION NO 05NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 297B	0 104B	0 081B	0 005	0 008	0 005	0 002	0 001	0 694	0 004	---	---	1
2	0 297B	0 104B	0 081B	0 005	0 004	0 008	0 002	0 004	0 695	0 003	---	---	2
3	0 297B	0 104B	0 081B	0 009	0 003	0 005	0 002	0 002	0 714	0 005	---	---	3
4	0 296B	0 104B	0 081B	0 002	0 003	0 003	0 002	0 003	0 698	0 073	---	---	4
5	0 296B	0 104B	0 081B	0 001	0 004	0 003	0 002	0 003	0 680	0 088	---	---	5
6	0 295B	0 087B	0 082B	0	0 004	0 005	0 002	0 002	0 697	0 112	---	---	6
7	0 295B	0 084B	0 085B	0 005	0 008	0 006	0 002	0 001	0 706	0 295	---	---	7
8	0 210B	0 084B	0 087B	0 002	0 005	0 004	0 002	0 001	0 632	0 296	---	---	8
9	0 110B	0 084B	0 090B	0 009	0 003	0 004	0 001	0 004	0 025	0 287	---	---	9
10	0 100B	0 084B	0 092B	0 003	0 009	0 004	0 001	0 005	0 002	0 298	---	---	10
11	0 100B	0 084B	0 095B	0 004	0 014	0 004	0 001	0 006	0 001	0 301	---	---	11
12	0 100B	0 084B	0 098B	0 006	0 008	0 005	0 001	0 004	0 001	0 301	---	---	12
13	0 100B	0 084B	0 101B	0 035	0 011	0 004	0 001	0 005	0 004	0 302	---	---	13
14	0 100B	0 084B	0 105B	0 050	0 007	0 002	0 001	0 011	0 002	0 298	---	---	14
15	0 100B	0 084B	0 105B	0 046	0 004	0 002	0 001	0 008	0 002	0 317	---	---	15
16	0 100B	0 084B	0 105B	0 046	0 005	0 003	0 001	0 009	0 005	0 308	---	---	16
17	0 100B	0 084B	0 080B	0 039	0 015	0 005	0 001	0 013	0 003	0 300	---	---	17
18	0 100B	0 084B	0 030	0 038	0 017	0 002	0 001	0 018	0	0 299	---	---	18
19	0 101B	0 084B	0 010	0 035	0 010	0 001	0 001	0 098	0	0 267	---	---	19
20	0 101B	0 084B	0 010	0 034	0 015	0 001	0 001	0 834	0	0 033	---	---	20
21	0 102B	0 083B	0 009	0 031	0 005	0 004	0 001	0 811	0 001	0 006	---	---	21
22	0 102B	0 083B	0 008	0 035	0 004	0 005	0 001	0 782	0 007	0 005	---	---	22
23	0 102B	0 083B	0 008	0 038	0 004	0 009	0 001	0 788	0 009	0 001	---	---	23
24	0 102B	0 082B	0 008	0 022	0 007	0 003	0 002	0 772	0 005	0 001	---	---	24
25	0 102B	0 082B	0 008	0 008	0 009	0 001	0 003	0 750	0 009	0 001	---	---	25
26	0 103B	0 082B	0 007	0 008	0 008	0 002	0 004	0 718	0 008	0 002	---	---	26
27	0 103B	0 081B	0 006	0 022	0 008	0 001	0 005	0 705	0 008	0 011B	---	---	27
28	0 103B	0 081B	0 004	0 011	0 004	0 002	0 004	0 709	0 007	0 008B	---	---	28
29	0 103B	0 081B	0 004	0 007	0 003	0 001	0 003	0 731	0 006	0 013B	---	---	29
30	0 104B		0 004	0 010	0 002	0 002	0 005	0 720	0 005	0 013B	---	---	30
31	0 104B		0 003		0 005		0 004	0 722		0 012B		---	31
TOTAL	4 825	2 521	1 880	0 564	0 219	0 106	0 081	9 219	5 623	4 259	---	---	TOTAL
MEAN	0 149	0 087	0 053	0 018	0 007	0 004	0 002	0 297	0 187	0 137	---	---	MEAN
MAX	0 297	0 104	0 105	0 050	0 017	0 009	0 005	0 834	0 714	0 317	---	---	MAX
MIN	0 100	0 081	0 003	0	0 002	0 001	0 001	0 001	0	0 001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 089
MAXIMUM DAILY, 0 834 ON AUG 20
MINIMUM DAILY, 0 ON APR 6
MAXIMUM INSTANTANEOUS,
0 871 AT 04 28 CST ON AUG 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 02 40 N
LONG 101 40 33 W
DRAINAGE AREA, 3 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	400	JUL	8 27
FEB	218	AUG	797
MAR	143	SEP	488
APR	48 7	OCT	388
MAY	18 8	NOV	---
JUN	9 18	DEC	---

TOTAL DISCHARGE, 1 880 dam³

PIPESTONE CREEK NEAR ROSE VALLEY - STATION NO 05LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 0058	1 10	0 738	0 148	0	0	0	---	---	1
2	---	---	0B	0 0508	0 994	0 624	0 123	0	0	0	---	---	2
3	---	---	0B	0 5068	0 908	0 496	0 100	0	0	0	---	---	3
4	---	---	0B	1 52 B	0 827	0 413	0 079	0	0	0	---	---	4
5	---	---	0B	6 15 B	0 761	0 329	0 065	0	0	0	---	---	5
6	---	---	0B	7 99	0 700	0 280	0 058	0	0	0	---	---	6
7	---	---	0B	8 01	0 641	0 444	0 051	0	0	0	---	---	7
8	---	---	0B	8 02	0 611	0 486	0 044	0	0	0	---	---	8
9	---	---	0B	7 53	0 589	0 477	0 034	0	0	0	---	---	9
10	---	---	0B	6 72	0 671	0 461	0 025	0	0	0	---	---	10
11	---	---	0B	6 00	0 749	0 413	0 017	0	0	0	---	---	11
12	---	---	0B	5 53	0 802	0 367	0 005	0	0	0	---	---	12
13	---	---	0B	5 32	0 855	0 349	0	0	0	0	---	---	13
14	---	---	0B	5 18	0 816	0 351	0	0	0	0	---	---	14
15	---	---	0B	4 95	0 754	0 358	0	0	0	0	---	---	15
16	---	---	0B	4 68	0 729	0 366	0	0	0	0	---	---	16
17	---	---	0B	4 36	0 866	0 415	0	0	0	0	---	---	17
18	---	---	0B	3 92	1 04	0 383	0	0	0	0	---	---	18
19	---	---	0B	3 51	1 02	0 354	0	0	0	0	---	---	19
20	---	---	0B	3 14	0 987	0 364	0	0	0	0	---	---	20
21	---	---	0B	2 84	0 959	0 382	0	0	0	0	---	---	21
22	---	---	0B	2 55	0 891	0 405	0	0	0	0	---	---	22
23	---	---	0B	2 29	0 823	0 438	0	0	0	0	---	---	23
24	---	---	0B	2 22	0 822	0 413	0	0	0	0	---	---	24
25	---	---	0B	1 99	0 821	0 404	0	0	0	0B	---	---	25
26	---	---	0B	1 75	0 783	0 380	0	0	0	0B	---	---	26
27	---	---	0B	1 51	0 718	0 325	0	0	0	0B	---	---	27
28	---	---	0B	1 63	0 667	0 283	0	0	0	0B	---	---	28
29	---	---	0B	1 42	0 687	0 228	0	0	0	0B	---	---	29
30	---		0B	1 23	0 772	0 181	0	0	0	0B	---	---	30
31	---		0B		0 810		0	0		0B		---	31
TOTAL	---	---	0	112 521	25 273	11 889	0 749	0	0	0	---	---	TOTAL
MEAN	---	---	0	3 75	0 815	0 396	0 024	0	0	0	---	---	MEAN
MAX	---	---	0	8 02	1 10	0 738	0 148	0	0	0	---	---	MAX
MIN	---	---	0	0 005	0 589	0 181	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 614
MAXIMUM DAILY, 8 02 ON APR 8
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8 07 AT 05 37 CST ON APR 8

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 17 21 N
LONG 103 40 20 W
DRAINAGE AREA, 843 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	64 7
FEB	---	AUG	0
MAR	0	SEP	0
APR	9 720	OCT	0
MAY	2 180	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 13 000 dam³

PIPESTONE RIVER BELOW ROTARIU LAKE - STATION NO 07LD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 86	1 95	2 66	3 55	4 80	4 75	3 82	3 91	4 03	3 23	2 99	2 65	1
2	1 96	2 01	2 63	3 67	4 75	5 20	3 67	3 88	4 12	3 23	2 96	2 60	2
3	2 11	2 06	2 57	3 71	4 69	5 80	3 61	3 84	4 19	3 24	2 93	2 58	3
4	2 19	2 11	2 51	3 72	4 56	5 84	3 56	3 83	4 21	3 23	2 90	2 49	4
5	2 30	2 18	2 47	3 65	4 44	5 87	3 56	3 90	4 20	3 29	2 87	2 40	5
6	2 38	2 28	2 46	3 55	4 35	5 86	3 52	4 04	4 26	3 23	2 84	2 42	6
7	2 43	2 40	2 48	3 55	4 26	5 77	3 60	4 03	4 08	3 18	2 82	2 44	7
8	2 47	2 50	2 49	3 58	4 22	5 58	3 70	4 10	4 05	3 15	2 83	2 45	8
9	2 51	2 58	2 47	3 60	4 11	5 43	3 64	4 10	3 99	3 14	2 83	2 41	9
10	2 54	2 63	2 42	3 62	4 05	5 22	3 60	4 23	3 93	3 11	2 81	2 41	10
11	2 56	2 65	2 40	3 56	4 07	4 92	3 71	4 22	3 84	3 12	2 79	2 39	11
12	2 55	2 64	2 36	3 54	4 12	4 69	3 68	4 16	3 79	3 09	2 81	2 40	12
13	2 53	2 63	2 32	3 54	4 11	4 60	3 69	4 29	3 76	3 09	2 80	2 42	13
14	2 48	2 61	2 26	3 61	4 09	4 52	3 68	4 99	3 75	3 07	2 84	2 48	14
15	2 43	2 59	2 22	3 70	4 13	4 42	3 74	4 89	3 71	3 05	2 89	2 48	15
16	2 35	2 54	2 18	3 83	4 15	4 33	3 80	4 83	3 68	2 98	2 84	2 47	16
17	2 27	2 48	2 12	4 07	4 27	4 25	3 77	4 73	3 61	3 09	2 79	2 43	17
18	2 21	2 46	2 07	4 33	4 46	4 19	3 68	4 63	3 54	3 15	2 74	2 35	18
19	2 13	2 44	2 04	4 57	4 46A	4 11	3 63	4 58	3 61	3 21	2 68	2 30	19
20	2 08	2 46	1 99	4 79	4 49E	4 07	3 60	4 49	3 67	3 25	2 65	2 27	20
21	2 03	2 48	1 84	4 84	4 55E	4 04	3 66	4 37	3 63	3 29	2 66	2 22	21
22	1 99	2 52	1 83	5 12	4 62A	3 92	3 78	4 35	3 62	3 36	2 63	2 15	22
23	2 00	2 57	1 86	5 32	4 62	3 83	3 82	4 29	3 58	3 37	2 61	2 08	23
24	1 97	2 61	1 88	5 33	4 51	3 81	3 84	4 25	3 51	3 35	2 60	2 03	24
25	1 94	2 62	2 01	5 20	4 44	3 83	3 94	4 18	3 45	3 32	2 60	2 00	25
26	1 91	2 63	2 08	5 15A	4 40	3 98	4 01	4 15	3 42	3 33	2 61	1 98	26
27	1 92	2 61	2 22	5 06A	4 38	3 94	4 03	4 08	3 42	3 31	2 64	1 98	27
28	1 92	2 61	2 43	4 95	4 34	3 91	4 02	4 11	3 43	3 25	2 65	1 95	28
29	1 92	2 63	2 71	4 88	4 35	3 82	4 00	4 16	3 34	3 18	2 65	1 91	29
30	1 93		3 03	4 85	4 32	3 90	3 96	4 14	3 31	3 11	2 65	1 88	30
31	1 94		3 32		4 42		3 91	4 03		3 06		1 88	31
TOTAL	67 82	71 50	72 73	126 64	135 63	138 26	116 25	131 78	112 83	99 06	82 94	70 90	TOTAL
MEAN	2 19	2 47	2 35	4 22	4 37	4 61	3 75	4 25	3 76	3 20	2 76	2 29	MEAN
MAX	2 56	2 65	3 32	5 33	4 80	5 87	4 03	4 99	4 26	3 37	2 99	2 65	MAX
MIN	1 86	1 95	1 83	3 54	4 05	3 81	3 52	3 83	3 31	2 98	2 60	1 88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 35
MAXIMUM DAILY, 5 87 ON JUN 5
MINIMUM DAILY, 1 83 ON JAN 1
MAXIMUM INSTANTANEOUS,
5 95 AT 22 35 CST ON JUN 5

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 14 15 N
LONG 106 07 45 W
DRAINAGE AREA, 954 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 950	JUL	10 000
FEB	5 180	AUG	11 400
MAR	5 230	SEP	9 780
APR	10 900	OCT	8 580
MAY	11 700	NOV	7 170
JUN	11 900	DEC	8 130

TOTAL DISCHARGE, 106 000 dam³

POPLAR RIVER AT INTERNATIONAL BOUNDARY - STATION NO 11AE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 085B	0 736	0 204	0 025	0 215	0 001	0 002	0 002	---	---	1
2	---	---	0 085B	0 851	0 187	0 020	0 198	0 001	0 002	0 002	---	---	2
3	---	---	0 085B	0 595	0 187	0 017	0 207	0 001	0 002	0 002	---	---	3
4	---	---	0 085B	0 566	0 190	0 016	0 207	0 001	0 002	0 002	---	---	4
5	---	---	0 085B	0 481	0 190	0 016	0 218	0 001	0 002	0 003	---	---	5
6	---	---	0 085B	0 453	0 184	0 108	0 204	0 002	0 003	0 004	---	---	6
7	---	---	0 085B	0 425	0 159	0 275	0 195	0 002	0 004	0 003	---	---	7
8	---	---	0 091B	0 425	0 150	0 227	0 167	0 001	0 004	0 003	---	---	8
9	---	---	0 091B	0 425	0 142	0 181	0 133	0 001	0 004	0 003	---	---	9
10	---	---	0 085B	0 396	0 136	0 167	0 102	0 001	0 004	0 003	---	---	10
11	---	---	0 078B	0 396	0 127	0 147	0 082	0 001	0 004	0 004	---	---	11
12	---	---	0 068B	0 340	0 125	0 156	0 057	0 004	0 004	0 007	---	---	12
13	---	---	0 062B	0 340	0 119	0 153	0 037	0 003	0 003	0 007	---	---	13
14	---	---	0 057B	0 311	0 113	0 136	0 019	0 003	0 003	0 009	---	---	14
15	---	---	0 048B	0 311	0 099	0 178	0 013	0 003	0 003	0 003	---	---	15
16	---	---	0 040B	0 283	0 095	0 235	0 006	0 004	0 003	0 018	---	---	16
17	---	---	0 034B	0 278	0 110	0 144	0 003	0 004	0 003	0 025	---	---	17
18	---	---	0 042B	0 258	0 088	0 127	0 003	0 004	0 002	0 027	---	---	18
19	---	---	0 142B	0 235	0 082	0 086	0 003	0 004	0 002	0 031	---	---	19
20	---	---	4 81 B	0 227	0 082	0 108	0 001	0 003	0 003	0 045	---	---	20
21	---	---	8 50 B	0 218	0 088	16 7	0 002	0 003	0 004	0 048	---	---	21
22	---	---	7 08 B	0 227	0 082	8 61	0 002	0 003	0 003	0 057	---	---	22
23	---	---	6 23 B	0 224	0 062	2 84	0 002	0 002	0 002	0 057	---	---	23
24	---	---	5 38 B	0 224	0 085	1 42	0 001	0 002	0 003	0 054	---	---	24
25	---	---	4 53 E	0 218	0 059	0 906	0 001	0 002	0 003	0 057	---	---	25
26	---	---	3 96 E	0 218	0 057	0 651	0 001	0 003	0 003	0 059	---	---	26
27	---	---	3 11 A	0 218B	0 054	0 510	0 001	0 003	0 003	0 057B	---	---	27
28	---	---	1 64	0 215B	0 051	0 425	0 001	0 002	0 003	0 054B	---	---	28
29	---	---	1 16	0 215	0 048	0 311	0 001	0 002	0 002	0 051B	---	---	29
30	---		1 05	0 215	0 042	0 261	0 001	0 002	0 003	0 048B	---	---	30
31	---		0 878		0 031		0 001	0 002		0 045B		---	31
TOTAL	---	---	49 759	10 324	3 372	35 266	2 084	0 071	0 088	0 790	---	---	TOTAL
MEAN	---	---	1 61	0 344	0 109	1 18	0 067	0 002	0 003	0 025	---	---	MEAN
MAX	---	---	8 50	0 736	0 204	16 7	0 218	0 004	0 004	0 059	---	---	MAX
MIN	---	---	0 034	0 215	0 031	0 016	0 001	0 001	0 002	0 002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 415
MAXIMUM DAILY, 16 7 ON JUN 21
MINIMUM DAILY, 0 001 ON JUL 20
MAXIMUM INSTANTANEOUS,
42 8 AT 14 00 CST ON JUN 21

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 25 N
LONG 105 41 46 W
DRAINAGE AREA, 927 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	180
FEB	---	AUG	5 13
MAR	4 300	SEP	7 80
APR	892	OCT	68 3
MAY	291	NOV	---
JUN	3 050	DEC	---

TOTAL DISCHARGE, 8 800 dam³

PORCUPINE RIVER AT OUTLET OF GROVE LAKE - STATION NO 07LC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54 5	46 2	41 8	34 5	118	113	95 8	82 2	87 3	84 0	68 3	59 6	1
2	54 1	46 0	41 4	34 6	118	113	94 5	81 1	88 8	83 6	68 3	59 1	2
3	54 0	45 2	40 9	34 6	118	112	93 2	80 5	89 4	82 6	68 4	58 7	3
4	54 2	45 0	40 2	34 6	116	112	91 7	79 6	91 4	81 7	68 4	58 5	4
5	54 1	44 9	40 0	34 6	114	113	89 5	79 2	93 6	81 1	67 6	57 9	5
6	53 6	44 8	39 7	34 8	113	112	88 7	77 9	96 4	73 8	66 9	57 8	6
7	53 5	44 8	39 1	34 7	113	112	87 8	74 8	98 1	79 1	65 2	57 6	7
8	53 2	44 9	38 4	34 6	112	111	87 0	73 5	97 3	78 3	65 0	57 2	8
9	53 1	44 9	38 1	34 5	112	110	87 5	72 2	97 3	77 5	64 9	56 8	9
10	53 1	44 6	37 6	34 7	111	110	87 2	71 6	97 3	77 4	64 9	56 4	10
11	51 7	44 2	37 2	34 5	111	110	85 2	68 6	97 9	77 3	64 7	55 6	11
12	50 4	44 0	36 4	34 7A	110	108	85 0	65 3	98 5	77 1	64 1	54 7	12
13	50 4	44 0	35 3	35 6A	109	108	85 7	65 1	99 1	77 2	62 0	54 0	13
14	49 5	43 9	34 5	36 2	108	108	86 1	74 5A	99 6	77 1	61 2	53 8	14
15	50 2	43 8	34 4	36 0A	108	107	86 4	79 5A	99 1	76 4	61 0	53 9	15
16	49 7	44 1	34 3	36 4A	109	105	87 2	81 9A	98 7	77 1	61 1	53 4	16
17	49 6	44 0	34 1	37 3A	110	104	86 4	83 5	98 9	77 5	61 1	53 0	17
18	49 5	43 9	33 9	38 9A	111	103	85 6	84 6	98 7	76 4	61 1	52 7	18
19	49 3A	43 4	33 6	41 3A	112	102	84 8	85 4	97 7	74 4	61 2	51 9	19
20	48 1A	43 3	33 8	45 5A	112	101	83 9	86 4	97 1	74 3	61 2	50 9	20
21	47 3	43 3	34 0	50 2	113	101	84 2	86 2	95 7	74 6	61 2	50 5	21
22	47 0	43 2	34 0	58 1	114	101	84 5	85 9	94 2	74 6	61 4	49 8	22
23	47 0	43 1	34 3	69 7A	115	99 3	85 0	86 1	92 8	74 7	62 6	48 8	23
24	46 9	43 0	34 4	84 6A	117	98 0	85 3	85 7	91 8	74 4	62 6	48 4	24
25	46 5	43 0	34 2	94 1	115	96 8	84 8	85 0	89 9	73 8	61 8	48 0	25
26	46 4	43 1	34 2	102	115	96 0	85 0	84 5	88 5	73 9	61 5	47 0	26
27	46 4	42 7	34 2	109	114	95 0	85 2	84 4	86 9	73 9	60 7	46 3	27
28	46 3	42 3	34 2	112	113	94 0	86 4	83 8	86 6	73 6	60 1	45 8	28
29	46 3	42 3	34 4	115	112	92 8	84 8	85 2	85 8	73 6	59 8	45 2	29
30	46 2		34 7	117	113	93 8	84 3	86 3	85 0	70 5	59 7	44 5	30
31	46 2		34 5		113		83 7	88 5		68 6		44 3	31
TOTAL	1 548 3	1 275 9	1 122 0	1 634 3	3 499	3 142 7	2 892 4	2 487 0	2 819 2	2 376 1	1 898 0	1 632 3	TOTAL
MEAN	49 9	44 0	36 2	54 5	113	105	86 9	80 2	94 0	76 6	63 3	52 7	MEAN
MAX	54 5	46 2	41 8	117	118	113	95 8	88 5	99 6	84 0	68 4	59 6	MAX
MIN	46 2	42 3	33 8	34 5	108	92 8	83 7	65 1	85 0	68 6	59 7	44 3	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 71 6
MAXIMUM DAILY, 118 ON MAY 1
MINIMUM DAILY, 33 8 ON MAR 19
MAXIMUM INSTANTANEOUS,
121 AT 15 50 CST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 26 40 N
LONG 104 21 40 W
DRAINAGE AREA, 7 300 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	134 000	JUL	233 000
FEB	110 000	AUG	215 000
MAR	86 900	SEP	244 000
APR	141 000	OCT	205 000
MAY	302 000	NOV	164 000
JUN	272 000	DEC	141 000

TOTAL DISCHARGE, 2 260 000 dam³

PRAIRIE RIVER NEAR PRAIRIE RIVER - STATION NO. 05LB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0018	0 3168	2.11	4 58	1.49	0.024E	0	0 420	---	---	1
2	---	---	0.0018	0 6308	1 92	4 30	1 15	0 026A	0	0 406	---	---	2
3	---	---	0.0018	0.7818	1.76	3 59	0.927	0 031	0	0 448	---	---	3
4	---	---	0 0018	1.92 B	1 60	3 00	0.795	0 061	0	0 454	---	---	4
5	---	---	0 0018	3 58 B	1 57	2 83	0 618	0 112	0	0 493	---	---	5
6	---	---	0.0018	4 51 B	1.45	2.11	0.460	0.111	0	0.509	---	---	6
7	---	---	0 0018	4 00 B	1 34	2 84	0 338	0 147	0	0 465	---	---	7
8	---	---	0 0018	2 71 B	1 22	5 61	0 286	0 133	0	0 487	---	---	8
9	---	---	0 0018	3 57 B	1 14	8 28	0 246	0 133	0	0 573	---	---	9
10	---	---	0 0018	4 87	1 28	5 71	0 230	0 128	0	0 582	---	---	10
11	---	---	0 0018	5 45	1 70	7 04	0 214	0 105	0	0 583	---	---	11
12	---	---	0 0018	5 85	2 09	5 43	0 158	0 082	0	0 553	---	---	12
13	---	---	0 0018	5 86	2 25	4 48	0 120	0 081	0	0 620	---	---	13
14	---	---	0 0018	5 25	2 26	3 62	0 123	0 036	0	0 635	---	---	14
15	---	---	0.0018	4 71	2 36	2 96	0 141	0 009	0	0 537	---	---	15
16	---	---	0 0018	4 14	1 93	2 58	0 149	0 028	0	0 488	---	---	16
17	---	---	0 0018	3 96	2 54	2 58	0 134	0 126	0 029	0 593	---	---	17
18	---	---	0 0018	3 74	10 6	2 48	0 109	0 123	0 143	0 592	---	---	18
19	---	---	0 0018	3 34	18 6	2 16	0 073	0 096	0 145	0 630	---	---	19
20	---	---	0 0018	3 07	20 1	2 08	0 051	0 071	0 169	0 632	---	---	20
21	---	---	0 0018	3 10	18 2	3 34	0 035	0 054	0 206	0 602	---	---	21
22	---	---	0 0018	2 80	16 6	4 45	0 030	0 035	0 285	0 584	---	---	22
23	---	---	0 0058	2 38	15 4	5 47	0 020	0 015	0 284	0 585	---	---	23
24	---	---	0 0058	2 41	14 5	5 86	0 017	0 006	0 234	0 5998	---	---	24
25	---	---	0 0278	2 86	13 8	5 59	0 016	0	0 262	0 6388	---	---	25
26	---	---	0 0588	2 98	12 2	4 64	0 030	0	0 300	0 5318	---	---	26
27	---	---	0 1808	2 91	10 1	3 60	0 041	0	0 310	0 5458	---	---	27
28	---	---	0 3288	2 84	8 35	2 68	0 047A	0	0 321	0 5328	---	---	28
29	---	0 0018	0 1388	2 60	7 10	2 35	0 041E	0	0 417	0 5538	---	---	29
30	---		0 0228	2 37	6 05	1 84	0 031E	0	0 438	0 5508	---	---	30
31	---		0 1128		5 20		0 025E	0		0 5458		---	31
TOTAL	---	---	0 895	99 327	207 32	122 35	8 145	1 753	3 543	15 944	---	---	TOTAL
MEAN	---	---	0 029	3 31	6 69	4 08	0 263	0 057	0 118	0 547	---	---	MEAN
MAX	---	---	0 326	5 86	20 1	9 28	1 49	0 147	0 438	0 638	---	---	MAX
MIN	---	---	0 001	0 315	1 14	1 84	0 016	0	0	0 406	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 68
MAXIMUM DAILY, 20.1 ON MAY 20
MINIMUM DAILY, 0 ON AUG 25
MAXIMUM INSTANTANEOUS,
21 1 AT 02 02 CST ON MAY 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 49 01 N
LONG 102 59 49 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	704
FEB	---	AUG	151
MAR	77 3	SEP	306
APR	8 580	OCT	1 460
MAY	17 900	NOV	---
JUN	10 600	DEC	---

TOTAL DISCHARGE, 39 800 dam³

QU'APPELLE RIVER ABOVE BUFFALO POUND LAKE - STATION NO. 05JG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 39 B	1 20 B	0 5508	1 01 B	3 07	4 77	4 63	8 36	5 74	2 02	1 96 B	1 278	1
2	1 47 B	1 33 B	0 5308	0 9548	3 33	4 85	4 63	8 22	5 76	2 05	0 8568	1 298	2
3	1 27 B	1 45 B	0.5478	0 8508	4 47	4 87	4 57	8 27	5 73	2 01	1 77 B	1 208	3
4	1 20 B	1 54 B	0 5288	0 8098	4 66	4 83	4 57	8 32	5 69	1 98	1 58 B	1 128	4
5	1 13 B	1 62 B	0 5378	0 9288	4 59	4 73	4 62	8 28	5 67	1 99	1 32 B	1 108	5
6	1 33 B	1 39 B	0 5688	1 11 B	4 58	4 85	4 51	8 20	5 20	2 01	1 23 B	1 088	6
7	1 20 B	1 60 B	0 6578	1 39 B	4 56	4 99	4 73	8 11	4 28	1 95	1 34 B	1 088	7
8	0 9418	1 41 B	0 7458	2 03 B	4 59	4 93	4 72	8 04	4 33	1 98	1 32 B	1 048	8
9	0 7008	1 24 B	0 8048	0 8238	4 51	4 83	4 69	8 28	4 28	1 96	1 27 B	1 028	9
10	0 6648	1 23 B	1 73 B	0 591	4 68	4 85	4 71	8 10	4 22	1 50	1 21 B	1 008	10
11	0 6588	1 17 B	2 05 B	0 485	4 48	4 83	4 69	8 11	4 15	1 54	1 19 B	1 008	11
12	0 6238	1 06 B	1 62 B	0 404	4 56	4 88	4 65	8 22	4 37	1 77	1 17 B	1 008	12
13	0 6798	1 27 B	1 50 B	0 380	4 62	4 91	4 67	8 07	4 48	1 77	1 23 B	1 008	13
14	0 8578	1 25 B	1 83 B	0 306	4 45	4 89	4 10	8 20	4 28	1 78	1 20 B	1 008	14
15	0 6958	1 49 B	1 32 B	0 715	4 39	4 97	3 96	8 14	3 98	1 80	1 04 B	1 008	15
16	0 6228	1 34 B	1 12 B	1 02	5 01	5 03	3 89	8 14	3 34	1 38 B	0 5018	1 008	16
17	0 5728	1 10 B	0 4288	1 51	5 08	5 09	3 99	8 22	3 34	1 13 B	1 14 B	1 008	17
18	0 4818	0 9688	0 3038	3 12	4 88	5 05	3 81	8 13	3 31	1 97 B	1 52 B	1 008	18
19	0 5588	0 9198	0 2948	3 12	4 71	5 04	4 05	8 28	3 34	2 00 B	1 33 B	1 008	19
20	0 5258	0 9508	0 8208	3 21	4 76	4 41	4 85	8 32	3 19	1 66 B	1 27 B	1 008	20
21	0 5858	1 15 B	1 51 B	3 21	4 91	4 44	5 37	8 24	3 02	1 49 B	1 19 B	1 008	21
22	0 7568	1 80 B	2 51 B	3 20	4 83	4 00	5 33	8 12	2 70	1 44 B	1 15 B	1 008	22
23	1 18 B	1 98 B	3 76 B	3 26	4 71	4 23	5 30	8 16	2 29	1 37 B	1 13 B	1 028	23
24	1 71 B	2 56 B	5 05 B	3 18	4 93	4 14	5 08	8 26	2 09	1 36 B	1 13 B	1 038	24
25	2.15 B	2 40 B	5.65 B	3 12	4.81	4 14	5 01	8 23	2 08	1 33 B	1 12 B	1 048	25
26	1 74 B	2.39 B	3.21 B	3 08	4.84	4 14	6 24	8 24	2 02	1 43 B	1 14 B	1 058	26
27	0.9778	2.19 B	1 47 B	3.13	4.76	4 43	7 79	8 24	1 99	1 19 B	1 17 B	1 088	27
28	0.9708	0.9848	1.11 B	3 12	4.84	4 82	7 86	8 31	1 99	0 7758	1 04 B	1 078	28
29	1.36 B	0.6678	1.42 B	3.09	4.80	4 44	7 87	8 40	2 01	1 38 B	1 34 B	1 088	29
30	1.16 B		1.29 B	3 08	4 70	4 61	8 40	7 76	2 00	1 81 B	1 32 B	1 098	30
31	1.06 B		1.12 B		4.80		9.20	5 85		1 15 B		1.108	31
TOTAL	31.171	41.848	46.581	56 185	142.73	140 49	162 89	251 82	110 83	50 935	37 177	32 72	TOTAL
MEAN	1.01	1.44	1 50	1.87	4 60	4 68	5 24	8 12	3 69	1 64	1 24	1.05	MEAN
MAX	2.15	2.56	5 85	3.26	5.08	5.09	9.20	8 40	5 76	2 05	1 96	1.29	MAX
MIN	0.481	0.667	0 294	0.306	3 07	4.00	3 81	5 85	1 99	0 775	0 501	1.00	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.02
MAXIMUM DAILY, 9 20 ON JUL 31
MINIMUM DAILY, 0.2948 ON MAR 19
MAXIMUM INSTANTANEOUS,
9.48 AT 08:42 CST ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 00 N
LONG 105 49 31 W
DRAINAGE AREA, 2 630 km²

B - ICE CONDITIONS

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 580	JUL	14 000
FEB	3 600	AUG	21 800
MAR	4 020	SEP	9 580
APR	4 850	OCT	4 400
MAY	12 300	NOV	3 210
JUN	12 100	DEC	2 830

TOTAL DISCHARGE, 95 400 dam³

QU'APPELLE RIVER AT HYDE - STATION NO. 05JM013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	4.97B	6.96B	2.54	0.805	2.52	0.182	0.004	1.31	---	---	1
2	---	---	4.78B	6.15B	1.89	0.841	2.46	0.053	0.003	1.31	---	---	2
3	---	---	4.88B	5.56B	1.71	0.850	2.61	0.147	0.002	1.29	---	---	3
4	---	---	4.91B	5.30B	1.84	0.837	2.72	0.267	0.001	1.34	---	---	4
5	---	---	4.84B	5.06B	1.55	0.745	2.83	0.297	0.005	1.33	---	---	5
6	---	---	4.85B	5.41B	1.85	0.889	2.83	0.312	0.177	1.35	---	---	6
7	---	---	4.71B	4.18B	1.77	0.578	2.81	0.264	0.408	1.34	---	---	7
8	---	---	4.14B	3.85	1.88	0.445	2.58	0.205	0.520	1.29	---	---	8
9	---	---	4.31B	3.67	2.06	0.454	2.22	0.480	0.572	1.36	---	---	9
10	---	---	5.06B	3.53A	2.10	0.410	2.03	0.582	0.621	1.41	---	---	10
11	---	---	5.10B	3.46E	2.05	0.422	2.07	0.628	0.690	1.48	---	---	11
12	---	---	4.89B	3.39E	1.90	0.649	2.03	0.824	0.793	1.47	---	---	12
13	---	---	4.80B	3.33E	2.07	0.798	1.90	0.609	0.831	1.51	---	---	13
14	---	---	4.82B	3.27E	1.98	0.956	1.89	0.597	0.832	1.54	---	---	14
15	---	---	4.79B	3.20E	1.70	1.06	1.44	0.528	0.854	1.59	---	---	15
16	---	---	4.39B	3.13E	1.55	1.24	1.26	0.402	1.22	1.74	---	---	16
17	---	---	4.40B	3.04E	1.42	1.32	1.34	0.342	1.59	1.67	---	---	17
18	---	---	4.86B	2.95E	1.10	1.51	1.34	0.284	1.62	1.66	---	---	18
19	---	---	4.92B	2.87E	1.10	1.59	1.21	0.212	1.76	1.70	---	---	19
20	---	---	5.03B	2.78E	1.87	2.09	1.32	0.189	1.83	1.85	---	---	20
21	---	---	5.23B	2.67E	2.00	2.15	1.13	0.134	1.67	1.80	---	---	21
22	---	---	5.27B	2.55E	1.55	2.09	0.901	0.125	1.86	1.60	---	---	22
23	---	---	5.46B	2.44E	1.22	2.10	0.771	0.160	1.87	1.59	---	---	23
24	---	---	5.89B	2.42A	1.27	2.29	0.678	0.152	1.82	1.55	---	---	24
25	---	---	6.30B	2.49	1.31	2.79	0.555	0.124	1.59	1.55	---	---	25
26	---	---	6.62B	2.63	1.13	3.19	0.439	0.080	1.40	1.50B	---	---	26
27	---	5.44B	6.80B	2.87	1.02	2.96	0.329	0.048	1.31	1.39B	---	---	27
28	---	5.32B	7.22B	2.51	1.06	2.84	0.401	0.020	1.27	1.16B	---	---	28
29	---	5.13B	8.07B	2.42	0.974	2.85	0.433	0.015	1.25	1.22B	---	---	29
30	---		8.56B	2.88	1.00	2.59	0.402	0.010	1.28	1.01B	---	---	30
31	---		7.95B		0.989		0.316	0.005		1.00B		---	31
TOTAL	---	---	188.62	106.76	49.023	44.229	47.687	8.057	29.654	44.51	---	---	TOTAL
MEAN	---	---	5.44	3.56	1.58	1.47	1.54	0.260	0.988	1.44	---	---	MEAN
MAX	---	---	8.56	6.96	2.54	3.19	2.93	0.628	1.87	1.74	---	---	MAX
MIN	---	---	4.14	2.42	0.974	0.410	0.316	0.005	0.001	1.00	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.03
MAXIMUM DAILY, 8.56B ON MAR 30
MINIMUM DAILY, 0.001 ON SEP 4
MAXIMUM INSTANTANEOUS,
8.60B AT 08:06 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 29 N
LONG 102 55 03 W
DRAINAGE AREA, 44 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 120
FEB	---	AUG	686
MAR	14 600	SEP	2 560
APR	9 220	OCT	3 850
MAY	4 240	NOV	---
JUN	3 820	DEC	---

TOTAL DISCHARGE, 43 100 dam³

QU'APPELLE RIVER BELOW CRAVEN DAM - STATION NO. 05JK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00B	3.71B	4.80B	4.15B	4.82	3.57	3.11	2.49	2.67	1.47	0.962	0.631	1
2	3.96B	3.67B	4.73B	3.91B	4.80	3.55	3.09	2.52	2.73	1.45	0.933	0.629	2
3	4.03B	3.71B	4.91B	3.67B	4.86	3.48	3.09	2.45	2.77	1.38	0.916	0.633	3
4	3.93B	3.73B	5.05B	3.62B	4.50	3.42	3.08	2.47	2.01	1.25	0.811	0.639	4
5	4.03B	3.52B	4.90B	3.58B	4.57	3.43	3.06	2.51	1.07	1.30	0.873	0.642	5
6	4.04B	3.74B	4.78B	3.51B	4.84	3.40	2.96	2.49	1.03	1.29	0.818	0.651	6
7	3.95B	3.83B	5.17B	3.49	4.84	3.43	2.95	2.51	1.07	1.29	0.776	0.625	7
8	3.66B	3.89B	4.83B	3.42	4.80	3.43	2.99	2.51	1.09	1.28	0.755	0.616	8
9	3.58B	4.19B	4.80B	3.38	2.60	3.41	2.99	2.39	1.06	1.17	0.752	0.626	9
10	3.42B	4.16B	5.15B	3.39	0.877	3.41	2.96	2.18	1.03	1.14	0.743	0.622	10
11	3.44B	4.20B	4.95B	3.39	2.62	3.37	2.90	2.28	0.989	1.14	0.732	0.627	11
12	3.42B	4.09B	4.88B	3.18	3.81	3.33	2.80	2.33	0.959	1.18	0.727	0.655	12
13	3.64B	4.28B	4.99B	3.10	3.74	3.25	2.80	2.25	0.971	1.08	0.712	0.665	13
14	3.61B	4.38B	5.19B	3.05	2.36	3.30	2.93	2.43	0.987	1.04	0.707	0.649	14
15	3.58B	4.51B	5.02B	3.11	2.95	3.39	2.85	2.19	1.03	1.08	0.707	0.619	15
16	3.69B	4.54B	4.87B	3.86	3.72	3.36	2.97	2.26	0.999	1.07	0.684	0.609	16
17	3.52B	4.74B	5.08B	4.32	3.03	3.49	2.76	2.22	1.31	1.04	0.650	0.602	17
18	3.58B	4.62B	5.26B	4.08	1.79	3.53	2.80	2.19	1.63	1.03	0.636	0.613B	18
19	3.65B	4.63B	5.43B	4.44	1.79	3.49	2.71	2.25	1.55	1.03	0.639	0.637B	19
20	3.60B	4.86B	5.61B	4.79	1.80	3.47	2.67	2.37	1.39	1.04	0.638	0.608B	20
21	3.76B	4.94B	5.36B	4.78	1.79	3.48	2.73	2.38	1.19	1.05	0.634	0.591B	21
22	3.70B	5.04B	5.15B	4.75	1.73	3.49	2.82	2.10	1.38	1.08	0.636	0.613B	22
23	3.74B	5.02B	4.30B	4.75	2.77	3.51	2.65	1.99	1.53	1.09	0.635	0.661B	23
24	3.68B	5.04B	3.84B	4.77	3.51	3.52	2.55	2.16	1.69	1.06	0.625	0.765B	24
25	3.83B	4.75B	4.07B	4.75	3.44	3.51	2.57	2.12	1.81	1.01	0.634	0.655B	25
26	3.86B	4.78B	4.32B	4.76	3.38	3.46	2.52	2.14	1.48	1.00	0.641	0.649B	26
27	3.73B	4.83B	4.25B	4.87	3.28	3.37	2.43	2.19	1.41	1.04 B	0.637	0.629B	27
28	3.79B	4.44B	4.29B	4.86	3.43	3.25	2.40	2.20	1.37	1.00	0.641	0.741B	28
29	3.82B	4.43B	4.32B	4.93	3.55	3.15	2.44	3.30	1.43	0.948	0.631	0.703B	29
30	3.62B		4.32B	4.88	3.51	3.14	2.58	3.08	1.49	0.955	0.635	0.719B	30
31	3.59B		4.19B		3.55		2.53	2.70		0.970		0.758B	31
TOTAL	115.65	126.25	148.83	121.71	102.887	102.42	86.69	73.71	42.805	34.933	21.627	20.784	TOTAL
MEAN	3.73	4.35	4.80	4.06	3.32	3.41	2.80	2.38	1.43	1.13	0.721	0.670	MEAN
MAX	4.04	5.04	5.61	4.93	4.84	3.57	3.11	3.30	2.77	1.47	0.962	0.949	MAX
MIN	3.42	3.52	3.84	3.05	0.877	3.14	2.40	1.99	0.955	0.948	0.625	0.591	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.73
MAXIMUM DAILY, 5.61B ON MAR 20
MINIMUM DAILY, 0.591B ON DEC 21
MAXIMUM INSTANTANEOUS,
5.72B AT 13:03 CST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 42 20 N
LONG 104 47 50 W
DRAINAGE AREA, 33 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 980	JUL	7 480
FEB	10 800	AUG	6 370
MAR	12 900	SEP	3 710
APR	10 500	OCT	3 020
MAY	8 880	NOV	1 670
JUN	8 850	DEC	1 800

TOTAL DISCHARGE, 86 300 dam³

QU'APPELLE RIVER BELOW KATEPWA LAKE - STATION NO. 05JL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.098	4.388	4.92	3.20	1.04	0.402	3.24	0.341	0.614	1.28	1.398	1.208	1
2	4.008	4.298	4.85	2.90	1.09	0.513	3.45	0.282	0.590	1.21	1.388	1.208	2
3	3.898	4.268	4.79	2.73	1.20	0.218	3.71	0.537	0.506	1.26	1.378	1.208	3
4	4.008	4.678	4.77	2.65	1.30	0.128	3.50 A	0.948	0.516	1.35	1.368	1.258	4
5	4.048	6.59	4.84	2.49	1.44	0.117	3.35 E	1.33	0.589	1.32	1.388	1.308	5
6	4.188	5.85	4.80	2.52	1.58	0.170	3.20 E	1.22	0.483	1.32	1.358	1.378	6
7	4.068	5.34	4.91	2.41	1.60	0.520	2.90 E	1.23	0.445	1.28	1.348	1.338	7
8	4.028	5.26	4.86	2.39	1.53	0.513	3.10 E	1.07	0.395	1.24	1.328	1.318	8
9	4.158	5.27	4.76	2.36	1.37	0.491	3.00 E	0.962	0.407	1.28	1.318	1.268	9
10	4.298	5.30	4.67	2.31	1.83	0.611	3.10 A	0.539	0.422	1.27	1.208	1.248	10
11	4.318	5.32	4.77	2.26	1.69	0.705	2.80	0.416	0.518	1.28	1.318	1.198	11
12	4.288	5.38	4.73	2.22	1.50	0.823	2.11	0.527	0.566	1.26	1.318	1.178	12
13	4.358	5.32	4.71	2.20	1.29	0.821	2.14	0.382	1.22 A	1.22	1.308	1.238	13
14	4.318	5.40	4.81	2.15	1.11	0.842	2.70	0.529	2.21 A	1.24	1.108	1.268	14
15	4.328	5.35	4.86	2.08	0.882	0.974	1.70 A	0.379	2.25	1.15	1.258	1.218	15
16	4.478	5.38	4.97	1.99	0.801	1.57	1.94 A	0.340	2.26	0.952	1.278	1.288	16
17	4.578	5.32	4.75	1.93	1.60	2.60	1.45 E	0.277	2.12	1.18	1.268	1.368	17
18	4.578	5.31	4.66	1.89	1.54	2.46	1.03 A	0.267	2.08	1.27	1.268	1.418	18
19	4.698	5.27	4.65	1.87	0.956	2.00	0.624	0.309	1.88	1.19	1.258	1.428	19
20	4.738	5.28	4.67	1.86	0.818	1.83	0.247	0.234	1.82	1.15	1.258	1.428	20
21	4.878	5.20	4.73	1.83	0.978	2.18	0.290	0.224	1.77	1.13	1.258	1.408	21
22	4.788	5.19	4.72	1.84	0.813	2.52	0.856	0.185	1.50	1.09	1.258	1.388	22
23	4.718	5.18	4.70	1.95	0.492	3.55	0.507	0.084	1.47	1.11	1.248	1.428	23
24	4.748	5.13	4.99	2.08	0.690	2.98	0.184	0.203	1.46	1.15	1.248	1.498	24
25	4.678	5.06	5.55	1.87	0.467	2.72	0.311	0.786	1.41	1.24	1.248	1.658	25
26	4.548	5.05	5.87	1.83	0.273	3.17	0.238	0.844	1.35	1.07	1.238	1.838	26
27	4.378	5.12	5.59	2.20	0.282	2.75	0.158	0.801	1.33	0.987	1.238	1.678	27
28	4.398	5.15	4.86	1.99	0.235	3.00	0.144	0.653	1.31	1.13	1.228	1.678	28
29	4.388	5.08	4.29	1.14	0.264	2.97	0.234	0.598	1.33	1.11 B	1.228	1.688	29
30	4.308		3.89	1.13	0.249	3.13	0.441	0.545	1.31	1.30 B	1.218	1.708	30
31	4.378		3.51		0.429		0.818	0.602		1.02 B		1.728	31
TOTAL	135.56	150.73	148.55	64.27	31.539	47.280	53.354	17.626	36.111	37.059	36.27	42.86	TOTAL
MEAN	4.37	5.20	4.79	2.14	1.02	1.58	1.72	0.589	1.20	1.20	1.28	1.38	MEAN
MAX	4.87	6.59	5.87	3.20	1.83	3.55	3.71	1.33	2.26	1.35	1.39	1.72	MAX
MIN	3.99	4.28	3.51	1.13	0.235	0.117	0.144	0.084	0.395	0.952	1.10	1.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.19
MAXIMUM DAILY, 6.59 ON FEB 5
MINIMUM DAILY, 0.084 ON AUG 23
MAXIMUM INSTANTANEOUS,
7.27 AT 10:56 CST ON FEB 5

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 41 N
LONG 103 36 02 W
DRAINAGE AREA, 40 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 700	JUL	4 610
FEB	13 000	AUG	1 520
MAR	12 800	SEP	3 120
APR	5 550	OCT	2 200
MAY	2 720	NOV	3 310
JUN	4 080	DEC	3 700

TOTAL DISCHARGE, 69 300 dam³

QU'APPELLE RIVER BELOW LOON CREEK - STATION NO. 05JK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.828	4.108	3.858	4.548	4.48	3.80	2.87	2.06	2.88	1.46	0.7998	0.5678	1
2	3.758	4.098	3.978	5.278	4.41	3.48	2.81	2.07	2.79	1.49	0.8118	0.5678	2
3	3.718	4.108	4.008	5.828	4.32	3.20	2.78	2.49	2.71	1.46	0.8428	0.5448	3
4	3.698	4.178	4.038	8.228	4.41	3.19	2.73	2.52	2.66	1.44	0.8988	0.5248	4
5	3.588	4.098	4.198	6.638	4.36	3.21	2.71	2.19	2.69	1.48	0.9378	0.5158	5
6	3.518	4.138	4.278	5.53	4.32	3.20	2.63	2.02	2.56	1.44	0.9838	0.5258	6
7	3.568	4.198	4.378	6.57	4.32	3.26	2.68	2.06	1.82	1.36	1.10 B	0.4998	7
8	3.548	4.198	4.398	5.54	4.37	3.24	2.59	2.20	1.27	1.32	0.8848	0.5018	8
9	3.638	4.248	4.268	4.12	4.27	3.18	2.57	2.14	1.11	1.33	0.7928	0.4448	9
10	3.668	4.248	4.118	3.96	4.43	3.23	2.58	2.03	1.11	1.33	0.7498	0.4018	10
11	3.768	4.238	4.198	3.94	3.09	3.21	2.58	1.96	1.13	1.33	0.7198	0.4248	11
12	3.798	4.208	4.268	3.62	1.27	3.19	2.55	1.93	1.26	1.27	0.8718	0.4338	12
13	3.798	4.158	4.278	3.34	0.546	3.07	2.49	1.86	1.18	1.21	0.6398	0.4468	13
14	3.798	4.088	4.368	2.91	0.313	3.03	2.37	1.92	1.12	1.15	0.6478	0.4128	14
15	3.848	3.948	4.358	3.44	0.213	2.99	2.29	1.87	1.08	1.13	0.8838	0.3848	15
16	3.908	3.788	4.328	3.18	0.203	2.82	2.36	1.90	1.04	0.966	0.5738	0.3958	16
17	3.848	3.638	4.328	3.49	0.306	3.39	2.39	1.89	1.06	0.776	0.8008	0.4208	17
18	3.898	3.658	4.158	4.21	0.231	3.70	2.42	1.81	1.06	1.85	0.6758	0.3928	18
19	3.958	3.638	4.058	4.27	0.185	3.47	2.33	1.81	1.08	1.34	0.7298	0.3998	19
20	3.978	3.588	4.048	4.19	0.131	3.48	2.26	1.84	1.29	1.08	0.7188	0.4008	20
21	4.098	3.568	4.128	4.17	0.158	3.54	2.27	1.83	1.56	0.932	0.7078	0.4118	21
22	4.128	3.318	4.248	4.38	0.144	3.54	2.21	1.85	1.78	0.940	0.7068	0.3498	22
23	4.138	3.218	4.288	4.43	0.621	3.53	2.22	1.86	1.83	0.985	0.8938	0.3988	23
24	4.178	3.188	4.118	4.38	3.90	3.44	2.33	1.87	1.51	0.9438	0.8578	0.4478	24
25	4.118	3.168	4.248	4.36	4.21	3.39	2.30	1.72	1.53	0.8178	0.8328	0.4718	25
26	4.138	3.208	4.068	4.47	5.72	3.36	1.80	1.66	1.60	0.9938	0.8718	0.4458	26
27	4.128	3.388	3.968	4.34	4.99	3.29	1.24	1.70	1.62	0.9328	0.8478	0.3758	27
28	4.178	3.848	4.018	4.37	4.19	3.23	1.72	1.71	1.58	0.4638	0.8218	0.3518	28
29	4.188	3.848	4.138	4.41	3.78	3.01	1.87	1.70	1.53	0.8548	0.8158	0.3098	29
30	4.118		4.108	4.50	3.68	3.00	1.88	1.65	1.48	0.8158	0.5858	0.2918	30
31	4.108		4.198		4.00		2.01	1.94		0.7458		0.3818	31
TOTAL	120.40	110.87	129.18	138.60	85.501	98.65	72.85	60.08	48.45	34.631	21.991	13.430	TOTAL
MEAN	3.88	3.82	4.17	4.62	2.78	3.29	2.35	1.94	1.62	1.12	0.733	0.433	MEAN
MAX	4.18	4.24	4.39	8.22	5.72	3.80	2.87	2.52	2.79	1.85	1.10	0.587	MAX
MIN	3.51	3.16	3.85	2.91	0.131	2.82	1.24	1.65	1.04	0.483	0.573	0.291	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.55
MAXIMUM DAILY, 8.228 ON APR 4
MINIMUM DAILY, 0.131 ON MAY 20
MAXIMUM INSTANTANEOUS,
9.008 AT 12:01 CST ON APR 4

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 47 11 N
LONG 104 17 21 W
DRAINAGE AREA, 38 500 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 400	JUL	6 290
FEB	9 580	AUG	5 190
MAR	11 200	SEP	4 190
APR	12 000	OCT	2 890
MAY	7 390	NOV	1 900
JUN	8 520	DEC	1 180

TOTAL DISCHARGE, 80 800 dam³

QU'APPELLE RIVER BELOW MOOSE JAW RIVER - STATION NO. 05JG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6618	0.6808	0.9878	1.01	3.86	3.11	2.78	2.20	2.25	3.26	2.05 B	0.6908	1
2	0.6558	0.6908	0.9728	0.978	3.78	3.20	2.76	2.20	2.25	3.24	1.88 B	0.6808	2
3	0.6588	0.7008	0.9658	0.969	3.76	3.01	2.82	2.22	2.24	3.24	1.00 B	0.6708	3
4	0.6638	0.7108	0.9548	1.08	3.86	2.87	2.77	2.22	2.04	3.25	0.8008	0.6608	4
5	0.6658	0.7208	0.9388	1.14	3.92	2.68	2.68	2.25	1.02	3.24	0.7008	0.6508	5
6	0.6708	0.7308	0.9488	1.12	3.92	2.92	2.67	2.25	0.994	2.22	0.7008	0.6408	6
7	0.6808	0.7558	0.8078	1.10	3.90	3.00	2.53	2.25	0.984	2.24	0.7008	0.6308	7
8	0.7008	0.7858	0.9028	1.03	3.88	3.00	2.64	2.27	0.997	2.24	0.7008	0.6208	8
9	0.6805	0.8728	0.9088	1.04	3.84	2.97	2.57	2.24	0.992	2.22	0.7008	0.6108	9
10	0.6609	0.9528	0.9718	0.985	3.38	2.97	2.31	2.18	0.991	2.21	0.7008	0.6008	10
11	0.6409	0.9338	0.9818	0.940	3.25	2.92	2.29	2.18	0.983	2.25	0.7008	0.5958	11
12	0.6208	0.8668	0.9918	0.905	3.18	2.96	2.18A	2.24	0.985	2.26	0.7008	0.5908	12
13	0.6008	0.9378	0.9828	0.988	3.19	2.94	2.23	2.23	0.974	2.27	0.7008	0.5858	13
14	0.5808	0.9188	0.9138	1.80	3.02	2.96	2.31	2.24	0.981	2.25	0.7008	0.5808	14
15	0.5608	0.9538	0.9868	1.80	2.86	3.00	2.20A	2.17	0.986	2.22	0.7008	0.5708	15
16	0.5558	1.11 B	0.9508	1.89	2.97	3.18	2.16	2.19	0.976	2.488	0.7008	0.5658	16
17	0.5508	1.13 B	0.9248	2.39	3.40	3.47	2.11	2.22	0.977	2.35	0.7008	0.5608	17
18	0.5558	1.24 B	0.8918	2.33	3.36	3.68	2.04	2.27	0.971	2.30	0.7008	0.5558	18
19	0.5608	1.17 B	0.8798	2.31	3.10	3.38	2.00	2.28	0.967	2.27	0.7008	0.5508	19
20	0.5658	0.9538	0.8868	2.53	2.97	3.26	1.97	2.32	0.967	2.32	0.7008	0.5458	20
21	0.5808	0.9938	1.08 B	2.57	3.15	3.28	2.02	2.33	0.988	2.28	0.7008	0.5508	21
22	0.6008	0.9248	1.41 B	2.56	3.10	3.21	2.08	2.27	1.09	2.28	0.7008	0.5558	22
23	0.6198	1.03 B	1.62 B	2.63	2.98	3.17	2.02	2.26	1.03	2.24	0.7008	0.5608	23
24	0.6258	0.9498	1.96 B	2.62	3.14	3.00	1.99	2.30	1.01	2.23	0.7008	0.5658	24
25	0.6308	0.8718	1.95 B	2.87	3.02	2.97	1.99	2.32	0.986	2.14	0.7008	0.5708	25
26	0.6358	0.8698	1.62 B	3.98	2.99	2.99	1.99	2.33	1.13	2.21	0.7008	0.5858	26
27	0.6408	1.02 B	1.49	4.03	2.94	2.90	1.95	2.36	2.15	2.218	0.7608	0.6008	27
28	0.6458	1.20 B	1.29	4.09	2.97	2.91	1.95	2.34	2.22	2.478	0.7308	0.6208	28
29	0.6508	1.13 B	1.14	3.89	3.00	2.75	2.01	2.36	2.24	2.728	0.7108	0.6408	29
30	0.6608		1.07	3.87	2.99	2.83	2.13	2.37	2.24	2.388	0.7008	0.6608	30
31	0.6708		1.04		3.06		2.20	2.26		2.028		0.6808	31
TOTAL	19.431	26.786	34.418	61.446	102.43	91.70	70.13	70.13	39.809	70.51	24.030	18.733	TOTAL
MEAN	0.627	0.924	1.11	2.05	3.30	3.06	2.26	2.26	1.32	2.27	0.801	0.604	MEAN
MAX	0.700	1.24	1.96	4.09	3.96	3.68	2.82	2.37	2.26	2.72	2.05	0.690	MAX
MIN	0.550	0.680	0.807	0.905	2.86	2.75	1.95	2.17	0.967	2.02	0.700	0.545	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.72
MAXIMUM DAILY, 4.09 ON APR 28
MINIMUM DAILY, 0.5458 ON DEC 20
MAXIMUM INSTANTANEOUS,
4.20 AT 23:57 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 34 40 N
LONG 105 15 00 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 680	JUL	6 080
FEB	2 310	AUG	6 080
MAR	2 970	SEP	3 420
APR	5 310	OCT	6 090
MAY	8 850	NOV	2 080
JUN	7 920	DEC	1 620

TOTAL DISCHARGE, 54 400 dam³

QU'APPELLE RIVER NEAR LUMSDEN - STATION NO. 05JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14 B	1.478	2.058	15.9 B	4.82	3.68	3.26	3.71	3.17	3.04	2.988	1.75 B	1
2	1.21 B	1.488	1.888	14.0 B	4.84	3.76	3.36	4.31	3.04	3.08	2.748	1.68 B	2
3	1.27 B	1.518	1.578	13.8 B	4.83	3.84	3.33	3.26	2.88	3.06	2.918	1.74 B	3
4	1.21 B	1.508	1.488	12.8 B	4.84	3.84	3.35	2.99	2.52	3.08	2.218	1.81 B	4
5	1.14 B	1.408	1.458	11.5 B	5.20	3.46	3.40	2.80	2.37	3.04	1.698	1.73 B	5
6	1.18 B	1.328	1.408	10.1 B	5.45	3.47	3.23	2.88	1.56	3.05	1.568	1.71 B	6
7	1.18 B	1.388	1.478	7.448	5.02	3.60	3.28	2.83	1.12	3.05	1.568	1.73 B	7
8	1.20 B	1.378	1.238	5.538	4.81	3.88	3.12	2.89	1.18	2.92	1.678	1.75 B	8
9	1.08 B	1.428	1.348	4.708	4.70	3.96	3.41	2.80	1.15	2.96	1.698	1.69 B	9
10	0.7998	1.398	1.718	4.048	4.58	3.9.	3.27	2.76	1.15	3.02	1.658	1.62 B	10
11	0.8008	1.478	1.748	3.39	4.35	3.95	2.76	2.76	1.14	3.00	1.638	1.53 B	11
12	0.7748	1.508	1.638	3.22	4.30	4.03	2.49	2.78	1.22	2.97	1.628	1.36 B	12
13	0.8478	1.538	1.608	2.72	4.13	3.77	2.42	2.78	1.29	2.82	1.618	1.13 B	13
14	0.9418	1.598	1.638	2.37	3.97	3.83	2.38	3.21A	2.11	2.86	1.638	1.09 B	14
15	0.9818	1.648	1.568	2.15	3.75	3.76	2.73	2.95	1.98	3.03	1.528	1.00 B	15
16	1.11 B	1.728	1.358	1.97	3.44	3.82	2.57	2.85	1.89	3.298	1.248	1.03 B	16
17	1.26 B	1.798	1.478	1.75	3.83	5.43	2.56	2.76	1.86	3.408	1.138	0.9858	17
18	1.28 B	1.818	1.618	1.62	4.57	4.75	2.80	2.80	1.81	3.388	1.568	1.10 B	18
19	1.30 B	1.788	1.698	7.58	4.60	4.61	2.39	2.86	1.86	3.338	1.728	1.35 B	19
20	1.22 B	1.758	1.798	4.80	4.16	4.57	2.42	2.99	1.35	3.748	1.708	1.36 B	20
21	1.26 B	1.808	1.898	4.15	3.91	4.57	2.34	3.06	1.46	3.788	1.658	1.33 B	21
22	1.29 B	1.918	3.058	3.96	3.89	4.99	2.33	3.27	2.30	3.768	1.528	1.32 B	22
23	1.30 B	2.438	3.888	3.87	3.86	5.38	2.37	3.03	3.57	3.408	1.548	1.26 B	23
24	1.33 B	2.818	5.648	3.81	5.24	2.31	2.93	3.93	3.098	3.098	1.588	1.16 B	24
25	1.30 B	2.948	8.058	3.74	3.78	4.43	2.30	2.82	2.39	2.918	1.658	1.06 B	25
26	1.29 B	2.248	9.748	3.73	3.75	3.96	2.25	2.82	2.03	3.018	1.708	1.01 B	26
27	1.30 B	2.158	12.5 B	4.63	3.75	3.53	2.21	2.70	1.93	2.728	1.688	1.02 B	27
28	1.38 B	2.058	14.5 B	4.86	3.72	3.44	2.18	2.49	2.58	2.378	1.428	1.09 B	28
29	1.43 B	1.818	17.2 B	4.81	3.73	3.53	2.22	2.42	3.04	2.708	1.438	1.15 B	29
30	1.43 B		17.7 B	4.70	3.78	3.37	2.26	2.32	3.06	2.198	1.868	1.16 B	30
31	1.46 B		16.3 B		3.71		2.70	2.63		3.238		1.17 B	31
TOTAL	36.702	50.57	142.11	173.49	131.48	122.21	83.80	89.89	62.24	96.36	52.05	41.945	TOTAL
MEAN	1.18	1.74	4.58	5.78	4.24	4.07	2.75	2.90	2.07	3.11	1.74	1.35	MEAN
MAX	1.46	2.81	17.7	15.9	5.45	5.43	3.41	4.31	3.63	3.78	2.98	1.81	MAX
MIN	0.774	1.32	1.33	1.62	3.44	3.37	2.18	2.32	1.12	2.37	1.13	0.985	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.98
MAXIMUM DAILY, 17.78 ON MAR 30
MINIMUM DAILY, 0.7748 ON JAN 12
MAXIMUM INSTANTANEOUS,
18.48 AT 03:24 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 18 N
LONG 104 51 06 W
DRAINAGE AREA, 18 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 170	JUL	7 240
FEB	4 370	AUG	7 770
MAR	12 300	SEP	5 380
APR	15 000	OCT	8 330
MAY	11 400	NOV	4 600
JUN	10 800	DEC	3 620

TOTAL DISCHARGE, 83 700 dam³

QU'APPELLE RIVER NEAR WELBY - STATION NO. 05JM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.928	4.188	5.218	2.948	1.16	1.82	1.42	0.453	0	0	4.748	5.248	1
2	2.948	4.288	5.248	2.458	1.14	1.74	1.46	0.295	0	0	4.078	4.678	2
3	3.068	4.358	5.428	2.248	1.17	1.74	1.49	0.200	0	0	4.508	4.238	3
4	3.248	4.348	5.648	2.368	1.21	1.75	1.50	0.195	0	0	4.138	4.148	4
5	3.358	4.478	5.628	2.908	1.27	1.76	1.51	0.180	0	0	4.438	4.128	5
6	3.438	4.578	5.828	3.248	1.39	1.85	1.55	0.185	0	0	5.088	3.848	6
7	3.478	4.158	5.798	3.338	1.48	1.58	1.56	0.185	0	0	5.508	3.718	7
8	3.618	3.898	5.268	3.658	1.58	1.52	1.55	0.175	0	0	5.958	3.848	8
9	3.688	4.218	4.828	3.08	1.85	1.48	1.45	0.180	0	0.002	6.318	3.748	9
10	3.728	4.488	5.078	2.82	1.73	1.47	1.41	0.150	0	0.003	6.718	3.848	10
11	3.728	4.548	5.788	2.42	1.80	1.45	1.46	0.135	0	0.012	7.248	3.498	11
12	3.738	4.558	6.128	2.38	2.10	1.45	1.42	0.125	0	0.023	7.888	3.348	12
13	3.778	4.558	5.808	2.41	2.88	1.44	1.18	0.110	0	0.030	7.898	3.048	13
14	3.848	4.528	5.948	2.41	2.70	1.44	0.980	0.080	0	0.020	7.478	2.548	14
15	4.048	4.478	5.858	2.28	2.51	1.38	0.889	0.080	0	0.118	7.268	2.578	15
16	4.188	4.458	5.388	2.22	2.46	1.38	0.814	0.070	0	0.439	7.408	2.758	16
17	4.288	4.478	5.298	2.12	2.33	1.41	0.775	0.080	0	1.10	6.958	2.898	17
18	4.428	4.558	5.588	2.03	2.15	1.42	0.845	0.050	0	1.33	7.058	2.538	18
19	4.458	4.588	5.838	1.86	2.06	1.37	0.775	0.040	0	1.38	6.858	2.378	19
20	4.408	4.708	5.928	1.86	2.38	1.35	0.750	0.030	0	1.45	6.478	2.318	20
21	4.348	4.618	5.888	1.77	2.35	1.38	0.708	0.020	0	1.86	6.198	2.308	21
22	4.308	4.988	5.278	1.70	2.11	1.33	0.678	0.008	0	1.90	6.248	2.258	22
23	4.388	5.148	5.928	1.85	2.01	1.28	0.708	0.002	0	2.13	6.198	2.138	23
24	4.358	5.228	6.418	1.82	2.18	1.23	0.825	0	0.011	2.88	5.988	2.008	24
25	4.298	5.308	10.4 B	1.82	2.26	1.25	0.810	0	0.068	3.82	5.758	1.878	25
26	4.238	5.288	10.5 B	1.88	2.17	1.47	0.818	0	0.020	4.03	5.758	1.788	26
27	4.288	5.238	10.4 B	1.87	2.14	1.58	0.822	0	0	3.82	5.558	1.738	27
28	4.308	5.208	10.5 B	1.28	2.08	1.47	0.814	0	0	3.47 B	5.078	1.708	28
29	4.108	5.208	9.748	1.05	2.00	1.48	0.328	0	0	3.78 B	4.988	1.698	29
30	4.148		8.898	1.11	1.88	1.48	0.414	0	0	4.58 B	5.438	1.878	30
31	4.178		5.548		1.81		0.434	0		4.41 B		1.888	31
TOTAL	121.05	134.55	206.93	65.89	60.35	44.52	30.798	2.938	0.110	42.227	180.70	89.40	TOTAL
MEAN	3.90	4.64	6.64	2.20	1.95	1.48	0.993	0.087	0.004	1.36	6.02	2.88	MEAN
MAX	4.45	5.26	10.5	3.65	2.88	1.82	1.55	0.453	0.068	4.55	7.88	5.24	MAX
MIN	2.92	3.89	4.62	1.08	1.14	1.23	0.326	0	0	0	4.07	1.67	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.67
MAXIMUM DAILY, 10.88 ON MAR 27
MINIMUM DAILY, 0 ON AUG 24
MAXIMUM INSTANTANEOUS,
10.98 AT 09:05 CST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 28 N
LONG 101 33 28 W
DRAINAGE AREA, 50 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 500	JUL	2 680
FEB	11 600	AUG	259
MAR	17 800	SEP	5 50
APR	5 650	OCT	3 650
MAY	5 210	NOV	15 600
JUN	3 850	DEC	7 720

TOTAL DISCHARGE, 84 500 dam³

QUILL CREEK NEAR QUILL LAKE - STATION NO. 05MA020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.03 B	0.010	0.081	0.052	0	0	0	---	---	1
2	---	---	0 B	1.17 B	0.011	0.086	0.026	0	0	0	---	---	2
3	---	---	0 B	0.916	0.038	0.043	0.011	0	0	0	---	---	3
4	---	---	0 B	1.02	0.057	0.240	0.001	0	0	0	---	---	4
5	---	---	0 B	0.812	0.049	0.108	0	0	0	0	---	---	5
6	---	---	0 B	0.801	0.051	0.086	0	0	0	0	---	---	6
7	---	---	0 B	0.529	0.030	0.232	0	0	0	0	---	---	7
8	---	---	0 B	0.291	0.024	0.255	0	0	0	0	---	---	8
9	---	---	0 B	0.303	0.138	0.245	0	0	0	0	---	---	9
10	---	---	0 B	0.320	0.172	0.230	0	0	0	0	---	---	10
11	---	---	0 B	0.259	0.144	0.212	0	0	0	0	---	---	11
12	---	---	0 B	0.301	0.151	0.151	0	0	0	0	---	---	12
13	---	---	0 B	0.249	0.118	0.139	0	0	0	0	---	---	13
14	---	---	0 B	0.133	0.127	0.110	0	0	0	0	---	---	14
15	---	---	0 B	0.018	0.183	0.078	0	0	0	0	---	---	15
16	---	---	0 B	0.020	0.122	0.084	0	0	0	0	---	---	16
17	---	---	C B	0.087	0.200	0.089	0	0	0	0	---	---	17
18	---	---	0 B	0.087	0.155	0.057	0	0	0	0	---	---	18
19	---	---	0 B	0.100	0.158	0.024	0	0	0	0	---	---	19
20	---	---	0 B	0.072	0.177	0.027	0	0	0	0	---	---	20
21	---	---	0 B	0.072	0.149	0.044	0	0	0	0	---	---	21
22	---	---	0 B	0.088	0.138	0.882	0	0	0	0	---	---	22
23	---	---	0 B	0.068	0.110	0.587	0	0	0	0	---	---	23
24	---	---	0 B	0.068	0.149	0.202	0	0	0	0	---	---	24
25	---	---	0 1008	0.070	0.384	0.287	0	0	0	0	---	---	25
26	---	---	1.00 B	0.048	0.273	0.184	0	0	0	0	---	---	26
27	---	---	2.00 B	0.035	0.241	0.122	0	0	0	0	---	---	27
28	---	---	2.32 B	0.028	0.182	0.149	0	0	0	0	---	---	28
29	---	---	1.73 B	0.023	0.118	0.117	0	0	0	0	---	---	29
30	---		1.52 B	0.078	0.073	0.087	0	0	0	0	---	---	30
31	---		1.34 B		0.053		0	0		0		---	31
TOTAL	---	---	10.010	5.901	3.922	4.988	0.090	0	0	0	---	---	TOTAL
MEAN	---	---	0.323	0.197	0.127	0.166	0.003	0	0	0	---	---	MEAN
MAX	---	---	2.32	1.17	0.384	0.882	0.052	0	0	0	---	---	MAX
MIN	---	---	0	0.018	0.010	0.027	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.114
MAXIMUM DAILY, 2.320 ON MAR 28
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
2.798 AT 12:33 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 00 11 N
LONG 104 14 50 W
DRAINAGE AREA, 273 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7.78
FEB	---	AUG	0
MAR	885	SEP	0
APR	788	OCT	0
MAY	338	NOV	---
JUN	431	DEC	---

TOTAL DISCHARGE, 2 410 dam³

RADOUGA CREEK NEAR BLAINE LAKE - STATION NO 05GE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 37 N
LONG 106 52 28 W
DRAINAGE AREA, 1 180 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

RADVILLE INDEX RESERVOIR - STATION NO 05NA009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	29.850E	30.390E	30.360E	30.211	30.081	29.940	29.642	29.392	29.320	---	---	1
2	---	29.850E	30.395E	30.358E	30.208	30.081	29.931	29.634	29.390	29.316	---	---	2
3	---	29.850E	30.400E	30.351	30.205	30.073	29.921	29.630	29.385	29.312	---	---	3
4	---	29.850E	30.403E	30.343	30.201	30.066	29.912	29.624	29.379	29.308	---	---	4
5	---	29.850E	30.405E	30.335	30.198	30.059	29.907	29.615	29.372	29.304	---	---	5
6	---	29.850E	30.406E	30.319	30.196	30.056	29.895	29.607	29.368	29.302	---	---	6
7	---	29.850E	30.407E	30.297	30.193	30.055	29.887	29.604	29.364	29.300	---	---	7
8	---	29.850E	30.408E	30.282	30.191	30.056	29.881	29.593	29.358	29.296	---	---	8
9	---	29.850E	30.409E	30.267	30.187	30.053	29.870	29.586	29.355	29.293	---	---	9
10	---	29.850E	30.410E	30.255	30.188	30.049	29.860	29.578	29.362	29.289	---	---	10
11	---	29.850E	30.410E	30.245	30.188	30.048	29.850	29.569	29.359	29.287	---	---	11
12	---	29.850E	30.410E	30.243	30.180	30.053	29.838	29.567	29.359	29.285	---	---	12
13	---	29.850E	30.410E	30.241	30.178	30.050	29.826	29.561	29.357	29.281	---	---	13
14	---	29.850E	30.410E	30.277	30.167	30.045	29.814	29.553	29.355	29.278	---	---	14
15	---	29.850E	30.410E	30.273	30.157	30.041	29.803	29.541	29.351	29.275	---	---	15
16	---	29.850E	30.413E	30.269	30.156	30.038	29.792	29.534	29.348	29.283	---	---	16
17	---	29.850E	30.420E	30.263	30.150	30.030	29.780	29.524	29.340	29.283	---	---	17
18	---	29.850E	30.430E	30.256	30.152	30.020	29.767	29.517	29.334	29.281	---	---	18
19	---	29.850E	30.440L	30.250	30.147	30.014	29.756	29.508	29.327	29.282	---	---	19
20	---	29.850E	30.445E	30.244	30.140	30.012	29.746	29.500	29.322	29.289	---	---	20
21	---	29.870E	30.448A	30.240	30.134	30.017	29.736	29.493	29.326	29.289	---	---	21
22	---	29.910E	30.438E	30.238	30.127	30.018	29.723	29.483	29.337	29.289	---	---	22
23	---	29.970E	30.410E	30.240	30.124	30.013	29.713	29.475	29.334	29.288	---	---	23
24	---	30.050E	30.390E	30.235	30.124	30.008	29.704	29.468	29.335	29.288	---	---	24
25	---	30.150E	30.380E	30.233	30.122	30.000	29.695	29.459	29.335	29.286	---	---	25
26	---	30.250E	30.377A	30.230	30.119	29.992	29.685	29.448	29.333	29.282	---	---	26
27	---	30.350E	30.378E	30.230	30.113	29.985	29.674	29.437	29.330	29.308E	---	---	27
28	---	30.367A	30.373E	30.223	30.112	29.975	29.661	29.425	29.328	29.304E	---	---	28
29	---	30.380E	30.370E	30.219	30.111	29.962	29.650	29.415	29.325	29.301E	---	---	29
30	---		30.368E	30.218	30.108	29.950	29.645	29.406	29.322	29.289E	---	---	30
31	---		30.363E		30.100		29.647	29.398		29.298A		---	31
MEAN	---	29.941	30.404	30.274	30.158	30.030	29.791	29.529	29.350	29.294	---	---	MEAN
MAX	---	30.380	30.448	30.380	30.211	30.081	29.940	29.642	29.392	29.320	---	---	MAX
MIN	---	29.850	30.363	30.218	30.100	29.950	29.645	29.398	29.322	29.275	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 30.448A ON MAR 21

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 31 35 N
LONG 104 16 50 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

RANCH CREEK NEAR ANNAHEIM - STATION NO 05MA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 3808	0 006	0 003	0	0	0	0	---	---	1
2	---	---	0 B	0 1798	0 005	0 002	0	0	0	0	---	---	2
3	---	---	0 B	0 128	0 004	0 002	0	0	0	0	---	---	3
4	---	---	0 B	0 134	0 004	0 002	0	0	0	0	---	---	4
5	---	---	0 B	0 120	0 004	0 002	0	0	0	0	---	---	5
6	---	---	0 B	0 098	0 003	0 002	0	0	0	0	---	---	6
7	---	---	0 B	0 075	0 003	0 015	0	0	0	0	---	---	7
8	---	---	0 B	0 070	0 003	0 086	0	0	0	0	---	---	8
9	---	---	0 B	0 059	0 003	0 062	0	0	0	0	---	---	9
10	---	---	0 B	0 054	0 007	0 034	0	0	0	0	---	---	10
11	---	---	0 B	0 066	0 010	0 018	0	0	0	0	---	---	11
12	---	---	0 B	0 068	0 012	0 012	0	0	0	0	---	---	12
13	---	---	0 B	0 061	0 012	0 008	0	0	0	0	---	---	13
14	---	---	0 B	0 050	0 010	0 005	0	0	0	0	---	---	14
15	---	---	0 B	0 041	0 008	0 005	0	0	0	0	---	---	15
16	---	---	0 B	0 034	0 007	0 005	0	0	0	0	---	---	16
17	---	---	0 B	0 028	0 018	0 005	0	0	0	0	---	---	17
18	---	---	0 B	0 022	0 064	0 007	0	0	0	0	---	---	18
19	---	---	0 B	0 017	0 056	0 006	0	0	0	0	---	---	19
20	---	---	0 B	0 014	0 039	0 005	0	0	0	0	---	---	20
21	---	---	0 B	0 011	0 023	0 005	0	0	0	0	---	---	21
22	---	---	0 B	0 009	0 017	0 007	0	0	0	0	---	---	22
23	---	---	0 0508	0 009	0 014	0 007	0	0	0	0	---	---	23
24	---	---	0 1508	0 011	0 0198	0 007	0	0	0	0	---	---	24
25	---	---	0 5008	0 012	0 020	0 006	0	0	0	0	---	---	25
26	---	---	0 6008	0 012	0 024	0 004	0	0	0	0	---	---	26
27	---	---	0 8288	0 010	0 016	0 002	0	0	0	0	---	---	27
28	---	---	0 4968	0 0098	0 012	0 001	0	0	0	0	---	---	28
29	---	---	0 4528	0 007	0 008	0	0	0	0	0	---	---	29
30	---		0 3638	0 006	0 006	0	0	0	0	0	---	---	30
31	---		0 3188		0 004		0	0		0		---	31
TOTAL	---	---	3 755	1 795	0 441	0 305	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 121	0 060	0 014	0 010	0	0	0	0	---	---	MEAN
MAX	---	---	0 828	0 380	0 064	0 066	0	0	0	0	---	---	MAX
MIN	---	---	0	0 006	0 003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 026
MAXIMUM DAILY 0 8288 ON MAR 27
MINIMUM DAILY 0B ON MAR 1
MAXIMUM INSTANTANEOUS
1 688 ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 20 45 N
LONG 104 48 40 W
DRAINAGE AREA 69 7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	324	SEP	0
APR	155	OCT	0
MAY	38 1	NOV	---
JUN	26 4	DEC	---

TOTAL DISCHARGE 544 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS COMPUTED FROM A HIGH WATER MARK

RANCH LAKE NEAR ST JAMES - STATION NO 05MA024

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	552 353	---	---	552 213	---	---	---	---	2
3	---	---	---	---	---	552 405	---	---	---	552 074	---	---	3
4	---	---	---	---	---	---	552 374	---	552 074	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	552 373	---	---	---	---	---	---	---	6
7	---	---	---	---	---	552 405	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	552 203	---	---	---	---	8
9	---	---	---	---	---	---	552 324	---	---	---	---	---	9
10	---	---	---	---	552 393	552 425	---	---	552 034	552 044	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	552 142	---	---	---	---	13
14	---	---	---	---	---	---	552 289	---	---	---	---	---	14
15	---	---	---	---	552 338	---	---	---	---	---	---	---	15
16	---	---	---	---	---	552 466	---	---	552 029	---	---	---	16
17	---	---	---	---	---	---	552 283	---	---	552 004	---	---	17
18	---	---	---	---	---	---	---	552 122	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	552 426	552 505	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	552 024	---	---	---	22
23	---	---	---	---	---	---	552 243	---	---	---	---	---	23
24	---	---	---	---	552 406	---	---	552 184	---	551 984	---	---	24
25	---	---	---	---	---	552 484	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	552 233	---	---	---	---	---	27
28	---	---	---	---	552 425	---	---	552 134	---	---	---	---	28
29	---	---	---	---	---	---	---	552 148	---	---	---	---	29
30	---		---	---	---	552 479	---	---	552 084	551 924	---	---	30
31	---		---		---		552 223	552 084		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 28 41 N
LONG 104 46 02 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RED DEER RIVER NEAR ARCHERWILL - STATION NO. 05LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 1658	2 94	5 84	4 16	0 329	0 039	0 108	---	---	1
2	---	---	0 B	0 0428	3 01	4 45	3 28	0 116	0 043	0 024	---	---	2
3	---	---	0 B	0 2048	2 95	4 73	2 85	0 045	0 010	0 009	---	---	3
4	---	---	0 B	0 3098	2 89	4 16	2 71	0 054	0 001	0 053	---	---	4
5	---	---	0 B	0 143	2 40	0 283	3 04	0 045	0 040	0 144	---	---	5
6	---	---	0 B	0 153	2 35	0 226	4 44	0 023	0 028	0 093	---	---	6
7	---	---	0 B	0 145	2 40	0 336	2 00	0 056	0	0 111	---	---	7
8	---	---	0 B	0 297	2 45	0 560	1 36	0 020	0	0 257	---	---	8
9	---	---	0 B	0 750	3 54	0 607	1 17	0 008	0	0 186	---	---	9
10	---	---	0 B	0 935	2 34	0 726	1 13	0 030	0	0 128	---	---	10
11	---	---	0 B	1 20	2 52	1 53	1 08	0 081	0	0 090	---	---	11
12	---	---	0 B	1 45	2 74	2 09	1 04	0 031	0	0 057	---	---	12
13	---	---	0 B	1 77	2 52	0 698	1 13	0 018	0	0 040	---	---	13
14	---	---	0 B	2 18	2 89	1 19	0 555	0 011	0	0 012	---	---	14
15	---	---	0 B	2 56	3 88	2 54	0 849	0	0	0 001	---	---	15
16	---	---	0 B	2 92	2 63	2 42	0 847	0	0	0 043	---	---	16
17	---	---	0 B	3 28	3 05	2 35	1 86	0	0	0 044	---	---	17
18	---	---	0 B	3 33	2 31	2 30	1 34	0	0	0 028	---	---	18
19	---	---	0 B	3 38	2 51	0 637	1 65	0	0	0 021	---	---	19
20	---	---	0 B	3 24	2 88	0 818	1 95	0	0	0 018	---	---	20
21	---	---	0 B	3 44	2 21	0 623	1 31	0	0 014	0 009	---	---	21
22	---	---	0 B	3 60	2 14	0 700	1 13	0	0 038	0 012	---	---	22
23	---	---	0 B	2 94	2 16	0 875	0 459	0	0 025	0 010	---	---	23
24	---	---	0 B	2 90	1 88	1 20	0 560	0 262	0 002	0 008	---	---	24
25	---	---	0 B	2 45	2 35	1 43	0 442	0 971	0 002	0 0018	---	---	25
26	---	---	0 B	2 25	2 67	3 51	0 511	0 727	0 001	0 0088	---	---	26
27	---	---	0 B	1 44	5 27	4 41	0 728	0 801	0	0 0018	---	---	27
28	---	---	0 B	1 53	5 09	4 83	0 656	0 421	0	0 B	---	---	28
29	---	---	0 B	2 82	5 83	5 31	0 403	0 473	0	0 B	---	---	29
30	---		0 0278	2 74	5 37	4 51	0 195	0 114	0	0 B	---	---	30
31	---		0 0938		5 48		0 235	0 325		0 B		---	31
TOTAL	---	---	0 120	54 563	97 45	65 893	45 071	4 962	0 243	1 518	---	---	TOTAL
MEAN	---	---	0 004	1 82	3 14	2 20	1 45	0 160	0 008	0 049	---	---	MEAN
MAX	---	---	0 093	3 60	5 27	5 84	4 44	0 971	0 043	0 257	---	---	MAX
MIN	---	---	0	0 042	1 88	0 226	0 196	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 10
MAXIMUM DAILY, 5 27 ON MAY 27
MINIMUM DAILY, 08 ON MAR 1
MAXIMUM INSTANTANEOUS,
7 20 AT 14 15 CST ON JUN 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 26 05 N
LONG 103 41 49 W
DRAINAGE AREA, 1 870 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 890
FEB	---	AUG	429
MAR	10 4	SEP	21 0
APR	4 710	OCT	131
MAY	8 420	NOV	---
JUN	5 690	DEC	---

TOTAL DISCHARGE, 23 300 dam³

RED DEER RIVER NEAR ERWOOD - STATION NO. 05LC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 7538	0 7748	1 118	5 988	47 0	78 5	30 9	1 75	0 275	2 53	5 808	4 708	1
2	0 5028	0 8308	1 148	18 5 B	42 9	88 9	28 1	1 55	0 267	2 82	5 448	4 448	2
3	0 7418	0 9328	1 248	39 6 B	38 8	80 7	25 3	1 44	0 276	3 10	5 658	4 138	3
4	1 70 B	1 00 B	1 368	59 7 B	36 8	54 1	22 6	1 32	0 253	3 07	5 428	3 938	4
5	1 81 B	1 05 B	1 278	67 5 B	32 7	47 7	20 2	1 41	0 220	3 51	5 978	3 618	5
6	1 69 B	1 18 B	1 208	71 9 B	29 8	41 9	17 9	1 35	0 183	3 72	5 538	3 448	6
7	1 71 B	1 12 B	1 238	69 5 B	26 4	45 6	16 8	1 30	0 244	3 88	4 918	3 508	7
8	1 35 B	0 9888	1 298	73 7 B	26 8	100	15 3	1 37	0 258	4 01	4 718	3 518	8
9	0 8998	0 8908	1 308	63 2	25 8	163	13 8	1 44	0 225	4 11	4 478	3 528	9
10	0 8618	0 8998	1 318	51 0	26 1	178	13 6	1 35	0 214	3 97	4 258	3 088	10
11	1 11 B	0 8588	1 328	67 8	32 3	155	11 8	1 28	0 242	4 49	4 668	2 788	11
12	1 11 B	0 9558	1 338	70 3	39 2	128	10 0	1 18	0 339	4 84	4 528	2 248	12
13	1 02 B	1 11 B	1 348	73 2	45 5	105	9 15	1 51	0 481	4 80	4 418	2 008	13
14	0 9088	1 14 B	1 358	75 2	44 6	85 8	8 53	1 59	0 450	4 49	4 378	1 908	14
15	1 06 B	1 24 B	1 368	69 6	41 4	74 2	7 94	1 27	0 371	3 89	4 718	1 808	15
16	0 8898	1 02 B	1 378	62 8	38 4	63 2	7 86	1 25	0 367	4 73	4 538	1 708	16
17	0 6908	0 9848	1 388	57 4	38 2	57 2	8 27	1 13	0 365	5 01	4 528	1 608	17
18	0 7148	1 05 B	1 398	54 8	39 3	58 2	7 33	1 03	0 480	5 47	4 438	1 508	18
19	0 7058	1 11 B	1 398	51 3	122	60 1	6 92	0 896	0 297	12 2	4 678	1 808	19
20	0 6328	1 18 B	1 408	47 6	148	55 9	6 17	0 787	0 244	13 8	4 938	1 808	20
21	0 8808	1 23 B	1 418	44 2	158	53 0	5 40	0 721	0 280	13 0	5 088	2 008	21
22	0 9518	1 25 B	1 428	41 2	148	54 1	4 84	0 676	0 780	12 4	5 188	2 208	22
23	0 9228	1 20 B	1 438	38 5	134	56 6	4 71	0 660	1 02	11 8	5 178	2 458	23
24	0 9448	1 20 B	1 448	37 5	132	55 6	4 32	0 655	1 43	10 7	5 028	2 608	24
25	0 9868	1 18 B	1 458	45 2	158	56 2	3 88	0 647	1 39	7 178	4 778	2 508	25
26	0 9148	1 14 B	1 468	57 4	167	51 2	3 73	0 801	1 58	5 908	4 508	2 408	26
27	0 8678	1 03 B	1 478	63 7	152	45 3	3 55	0 541	1 97	5 578	4 718	2 308	27
28	0 8768	1 15 B	1 488	60 7	133	40 1	3 04	0 489	2 10	4 668	4 648	2 208	28
29	1 12 B	1 18 B	1 528	55 7	114	37 8	2 82	0 426	2 01	4 208	4 418	2 108	29
30	0 8808		1 568	51 0	101	34 1	2 41	0 349	2 18	4 588	4 698	2 008	30
31	0 7898		1 688		85 2		2 04	0 301		5 378		1 908	31
TOTAL	30 785	30 870	42 44	1 656 28	2 441 2	2 167 0	329 31	32 289	20 761	188 69	146 05	81 42	TOTAL
MEAN	0 993	1 05	1 37	55 2	78 7	72 2	10 6	1 04	0 692	6 09	4 87	2 63	MEAN
MAX	1 71	1 25	1 68	75 2	167	178	30 9	1 75	2 18	13 8	5 97	4 70	MAX
MIN	0 502	0 774	1 11	5 88	25 8	34 1	2 04	0 301	0 183	2 53	4 25	1 50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19 6
MAXIMUM DAILY, 178 ON JUN 10
MINIMUM DAILY, 0 183 ON SEP 6
MAXIMUM INSTANTANEOUS,
181 AT 08:48 CST ON JUN 10

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 51 36 N
LONG 102 11 39 W
DRAINAGE AREA, 11 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 660	JUL	25 500
FEB	2 670	AUG	2 700
MAR	3 670	SEP	1 780
APR	143 000	OCT	18 300
MAY	211 000	NOV	12 600
JUN	187 000	DEC	7 030

TOTAL DISCHARGE, 819 000 dam³

RED DEER RIVER NEAR STEEN - STATION NO 05LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 185B	0 192B	4 73	11 6	6 98	0 324	0 205	0 179	0 119B	---	1
2	---	---	0 142B	0 315B	4 68	11 5	6 38	0 275	0 173	0 178	---	---	2
3	---	---	0 163B	0 454B	4 47	10 4	5 70	0 261	0 178	0 148	---	---	3
4	---	---	0 144B	0 625B	4 30	9 49	5 06	0 313	0 185	0 111	---	---	4
5	---	---	0 162B	1 15 B	4 15	8 80	4 60	0 546	0 244	0 075	---	---	5
6	---	---	0 181B	2 31 B	3 83	8 17	4 33	0 503	0 247	0 104	---	---	6
7	---	---	0 200B	3 28 B	3 66	8 05	4 81	0 428	0 252	0 180	---	---	7
8	---	---	0 213B	3 83 B	3 67	8 39	4 03	0 376	0 283	0 173	---	---	8
9	---	---	0 222B	4 18 B	3 80	10 3	3 14	0 405	0 282	0 108	---	---	9
10	---	---	0 170B	4 49 B	4 74	10 6	2 66	0 382	0 268	0 078	---	---	10
11	---	---	0 174B	5 00 B	5 23	10 3	2 31	0 348	0 271	0 114	---	---	11
12	---	---	0 148B	5 62 B	4 88	9 70	2 08	0 327	0 258	0 136	---	---	12
13	---	---	0 122B	5 73	4 90	9 35	1 91	0 303	0 244	0 082	---	---	13
14	---	---	0 156B	5 67	4 82	8 39	1 80	0 265	0 208	0 037	---	---	14
15	---	---	0 189B	5 88	4 81	7 38	1 81	0 234	0 185	0 026	---	---	15
16	---	---	0 220B	6 26	5 39	8 47	1 73	0 205	0 191	0 176	---	---	16
17	---	---	0 203B	6 65	5 44	8 71	1 62	0 183	0 231	0 280	---	---	17
18	---	---	0 206B	6 90	6 76	7 79	1 53	0 179	0 088	0 181	---	---	18
19	---	---	0 223B	6 85	7 13	7 11	1 65	0 208	0 079	0 118	---	---	19
20	---	---	0 223B	6 79	7 24	6 28	1 67	0 210	0 083	0 087	---	---	20
21	---	---	0 223B	6 73	7 78	5 83	1 73	0 167	0 144	0 052	---	---	21
22	---	---	0 219B	6 60	7 76	6 07	1 76	0 267	0 173	0 080	---	---	22
23	---	---	0 226B	6 51	7 47	6 54	1 62	0 156	0 141	0 056	---	---	23
24	---	---	0 204B	6 14	7 84	6 75	1 45	0 255	0 144	0 091	---	---	24
25	---	---	0 173B	5 88	8 58	6 72	1 26	0 325	0 125	0 0478	---	---	25
26	---	---	0 131B	5 40	9 51	6 60	0 978	0 341	0 101	0 0778	---	---	26
27	---	0 212B	0 156B	4 78	10 2	7 06	0 751	0 333	0 090	0 0858	---	---	27
28	---	0 212B	0 177B	4 36	12 7	7 45	0 598	0 260	0 085	0 0838	---	---	28
29	---	0 178B	0 182B	3 95	13 5	7 73	0 465	0 135	0 110	0 0938	---	---	29
30	---		0 141B	4 22	13 0	7 52	0 418	0 090	0 146	0 0848	---	---	30
31	---		0 163B		12 1		0 392	0 167		0 1048		---	31
TOTAL	---	---	5 635	136 756	208 87	245 23	77 042	8 772	5 376	3 343	---	---	TOTAL
MEAN	---	---	0 182	4 56	6 74	8 17	2 49	0 283	0 179	0 108	---	---	MEAN
MAX	---	---	0 226	6 90	13 5	11 8	6 98	0 546	0 283	0 250	---	---	MAX
MIN	---	---	0 122	0 192	3 88	5 83	0 392	0 090	0 083	0 026	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 82
MAXIMUM DAILY, 13 5 ON MAY 29
MINIMUM DAILY, 0 026 ON OCT 15
MAXIMUM INSTANTANEOUS,
13 7 AT 21 04 CST ON JUN 16

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 16 N
LONG 103 30 56 W
DRAINAGE AREA, 3 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 880
FEB	---	AUG	758
MAR	487	SEP	464
APR	11 800	OCT	289
MAY	18 000	NOV	---
JUN	21 200	DEC	---

TOTAL DISCHARGE, 59 700 dam³

REDBERRY LAKE NEAR KRYDOR - STATION NO 05GD003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	504 141	---	21
22	---	---	---	---	---	---	---	504 262	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	504 455	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 41 48 N
LONG 107 06 23 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REID LAKE NEAR DUNCAIRN - STATION NO 05HD033

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	805.859	805.793	805.811	806.019	805.490	804.627	804.427	803.455E	803.076	802.986	802.979	802.991	1
2	805.855	805.791	805.814	806.027	805.459	804.601	804.411	803.421A	803.076	802.986	802.984A	802.988	2
3	805.851	805.787	805.815	806.036	805.428	804.586	804.396	803.419	803.089	802.967	802.982	802.987	3
4	805.846	805.782	805.817	806.048	805.392	804.578	804.382	803.402	803.066	802.989	802.980	802.988	4
5	805.847	805.782	805.819	806.056	805.359	804.568	804.373	803.381	803.064	802.990	802.978	802.987	5
6	805.843	805.782	805.822	806.067	805.319	804.587	804.359	803.382E	803.066	802.986	802.975	802.982A	6
7	805.839	805.781	805.822	806.079	805.291	804.584	804.347A	803.383A	803.048	802.987	802.971	802.978	7
8	805.842	805.780	805.825	806.087	805.264	804.577	804.332	803.361	803.042	802.990	802.969	802.980	8
9	805.839	805.781	805.827	806.096	805.237	804.568	804.300	803.347	803.039	802.988	802.970	802.975	9
10	805.837	805.780	805.824	806.086	805.198	804.565	804.273	803.342	803.034	802.983	802.970	802.966	10
11	805.836	805.780	805.825	806.073	805.168	804.559	804.246	803.319	803.025	802.981	802.969	802.980	11
12	805.836	805.781	805.833	806.053	805.136	804.555	804.216	803.310	803.029	802.988	802.972	802.962	12
13	805.831	805.782	805.838	806.028	805.107	804.553	804.185	803.303	803.021	802.991	802.977	802.956	13
14	805.828	805.783	805.840	806.008	805.075	804.544	804.142	803.287	803.021	802.972	802.978	802.955A	14
15	805.828	805.785	805.842	805.990	805.050	804.539	804.106	803.278	803.021	802.980	802.972	802.955	15
16	805.823	805.784	805.851	805.981	805.024	804.532	804.067	803.263	803.021	802.977	802.972	802.986	16
17	805.819	805.786	805.851	805.933	805.007	804.530	804.030	803.260	803.019	802.992	802.980	802.967	17
18	805.816	805.788	805.854	805.902	804.951	804.524	803.984	803.247	803.013	802.994	802.979	802.975	18
19	805.813	805.788	805.861	805.868	804.918	804.525	803.947	803.239	803.002	802.983	802.980	802.972	19
20	805.812	805.789	805.871	805.832	804.893	804.519	803.906	803.222	802.994	802.972	802.981	802.970	20
21	805.812	805.789	805.882	805.806	804.847	804.513	803.861	803.209	803.008	802.975	802.979	802.966	21
22	805.812	805.790	805.893	805.776	804.808	804.515	803.820	803.203	803.002	802.977	802.983A	802.968	22
23	805.812	805.791	805.904	805.740	804.776	804.509	803.781	803.191	802.998	802.978	802.987	802.967	23
24	805.804	805.796	805.917	805.706	804.724	804.506	803.742	803.183	802.999	802.970	802.984	802.968	24
25	805.805	805.799	805.935	805.685	804.691	804.497	803.705	803.176	802.994	802.982	802.986	802.966	25
26	805.799	805.804	805.948	805.618	804.654	804.490	803.667	803.168	802.985	802.969	802.991	802.971	26
27	805.803	805.805	805.959	805.590	804.620	804.485	803.629	803.166	802.986	802.973	802.994	802.967	27
28	805.802	805.814	805.973	805.573	804.658	804.473	803.594E	803.135	802.989	802.975	802.993	802.965	28
29	805.799	805.812	805.983	805.547	804.653	804.484	803.560E	803.116	802.986	802.978	802.992	802.962	29
30	805.799		805.996	805.517	804.648	804.454	803.523E	803.093	802.987	802.982	802.992	802.961	30
31	805.797		806.007		804.638		803.490E	803.082		802.981		802.960	31
MEAN	805.824	805.789	805.873	805.893	805.017	804.538	804.026	803.269	803.023	802.981	802.980	802.970	MEAN
MAX	805.859	805.814	806.007	806.098	805.490	804.627	804.427	803.455	803.076	802.994	802.994	802.991	MAX
MIN	805.797	805.780	805.811	805.517	804.638	804.454	803.490	803.082	802.985	802.960	802.969	802.955	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MEAN, 804.343
MAXIMUM DAILY, 806.098 ON APR 9
MINIMUM DAILY, 802.955A ON DEC 14
MAXIMUM INSTANTANEOUS,
806.101 AT 17 01 CST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 04 25 N
LONG 108 02 47 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1945

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REINDEER RIVER AT OUTLET OF REINDEER LAKE - STATION NO 06DB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	440	491	480	493	288	397	305	184	185	250	319	412	1
2	440	491	478	493	289	397	305	183	186	319	313	412	2
3	439	493	478	493	291	397	305	184	186	321	314	413	3
4	439	493	480	493	291	397	313	184	185	313	311	413	4
5	439	488	480	493	291	401	313	184	185	322	311	410	5
6	437	486	478	493	290	355	308	185	185	312	313	412	6
7	436	491	478	493	291	351	308	184	188	314	313	410	7
8	436	491	478	493	292	351	308	185	185	317	313	412	8
9	436	488	478	490	292	351	311	182	185	319	313	407	9
10	436	488	475	415	292	352	311	182	184	314	397	410	10
11	436	486	473	382	381	351	313	184	186	316	417	410	11
12	436	486	475	385	394	351	312	183	186	317	417	410	12
13	483	483	473	387	394	347	314	183	186	317	422	410	13
14	466	486	475	385	392	332	314	183	185	312	422	410	14
15	464	488	493	382	387	352	314	182	183	312	415	408	15
16	464	488	498	385	395	351	311	183	183	332	417	407	16
17	481	485	502	385	389	349	311	184	183	321	417	405	17
18	481	483	503	385	387	349	311	185	184	320	417	405	18
19	481	483	498	298	387	349	312	185	186	318	417	407	19
20	481	483	498	285	389	350	312	185	186	316	415	407	20
21	481	483	498	284	387	351	312	184	190	317	415	405	21
22	481	483	498	285	387	351	312	184	190	317	417	438	22
23	485	483	499	287	387	350	313	185	184	317	417	443	23
24	505	483	499	287	387	349	314	185	185	314	415	443	24
25	507	480	499	287	387	350	313	185	185	312	415	443	25
26	507	480	505	287	387	352	313	185	185	312	417	443	26
27	493	483	498	287	357	352	206	186	242	312	414	443	27
28	493	480	502	287	384	322	185	186	252	312	415	441	28
29	491	480	498	290	387	317	185	186	252	312	415	436	29
30	491		493	290	387	305	185	186	250	315	415	438	30
31	491		493		382		184	186		312		436	31
TOTAL	14 346	14 099	15 157	11 389	11 212	10 829	9 033	5 712	5 817	9 734	11 548	12 999	TOTAL
MEAN	463	488	489	380	362	354	291	184	194	314	385	419	MEAN
MAX	507	493	505	493	389	401	314	186	252	332	422	443	MAX
MIN	436	480	473	284	389	305	184	182	183	250	311	406	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1984

MEAN, 380
MAXIMUM DAILY, 507 ON JAN 25
MINIMUM DAILY, 182 ON AUG 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 14 00 N
LONG 103 09 00 W
DRAINAGE AREA, 80 500 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240 000	JUL	780 000
FEB	1 220 000	AUG	494 000
MAR	1 310 000	SEP	503 000
APR	984 000	OCT	841 000
MAY	969 000	NOV	998 000
JUN	918 000	DEC	1 120 000

TOTAL DISCHARGE, 11 400 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL RIVER POWER COMPANY

RICHARDSON DITCH NEAR CONSUL - STATION NO 11AB058

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0.005A	0	0	0	0	0	---	---	2
3	---	---	0	0	0.814	0	0	0	0	0	---	---	3
4	---	---	0	0	0.789	0	0	0	0	0	---	---	4
5	---	---	0	0	0.885	0	0	0	0	0	---	---	5
6	---	---	0	0	0.914	0	0	0	0	0	---	---	6
7	---	---	0	0	0.881	0	0	0	0	0	---	---	7
8	---	---	0	0	0.796	0	0	0	0	0	---	---	8
9	---	---	0	0	0.803	0	0	0	0	0	---	---	9
10	---	---	0	0	0.486	0	0	0	0	0	---	---	10
11	---	---	0	0	0.720	0	0	0	0	0	---	---	11
12	---	---	0	0	0.815	0	0	0	0	0	---	---	12
13	---	---	0	0	0.890	0	0	0	0	0	---	---	13
14	---	---	0	0	0.859	0	0	0	0	0	---	---	14
15	---	---	0	0	0.505	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	0	0	0	0	0	0	0	0	0	---	---	27
28	---	0	0	0	0	0	0	0	0	0	---	---	28
29	---	0	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	9.962	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.321	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0.914	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.041
MAXIMUM DAILY, 0.914 ON MAY 6
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 50 N
LONG 109 32 12 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	861	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 861 dam³

RIDALLS TRIBUTARY BELOW GREENLEIGH RESERVOIR - STATION NO 05HF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:00 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 17 51 N
LONG 108 27 13 W
DRAINAGE AREA, 25.1 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

RIDGE CREEK NEAR BRIDGEFORD - STATION NO 05JG013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 1888	0 164	0 016	0 002	0 001	0	0	0	0 0108	---	1
2	---	---	0 1738	0 125	0 017	0 002	0 001	0	0	0	---	---	2
3	---	---	0 1598	0 118	0 018	0 002	0	0	0	0	---	---	3
4	---	---	0 1458	0 103	0 014	0 001	0	0	0	0	---	---	4
5	---	---	0 1308	0 097	0 020	0 001	0	0	0	0	---	---	5
6	---	---	0 1168	0 088	0 021	0 003	0	0	0	0	---	---	6
7	---	---	0 1018	0 080	0 020	0 004	0	0	0	0	---	---	7
8	---	---	0 0878	0 074	0 018	0 003	0	0	0	0	---	---	8
9	---	---	0 0508	0 071	0 027	0 003	0	0	0	0	---	---	9
10	---	---	0 0308	0 072	0 024	0 002	0	0	0	0	---	---	10
11	---	---	0 0208	0 064	0 022	0 001	0	0	0	0	---	---	11
12	---	---	0 0158	0 051	0 021	0 001	0	0	0	0	---	---	12
13	---	---	0 0178	0 052	0 015	0 001	0	0	0	0	---	---	13
14	---	---	0 0158	0 048	0 016	0 001	0	0	0	0	---	---	14
15	---	---	0 0148	0 045	0 014	0 001	0	0	0	0	---	---	15
16	---	---	0 0158	0 038	0 016	0 001	0	0	0	0	---	---	16
17	---	---	0 0188	0 035	0 017	0	0	0	0	0	---	---	17
18	---	---	0 0188	0 035	0 016	0	0	0	0	0	---	---	18
19	---	---	0 1538	0 033	0 016	0	0	0	0	0	---	---	19
20	---	---	1 56 8	0 032	0 015	0	0	0	0	0	---	---	20
21	---	---	1 47 8	0 028	0 013	0 001	0	0	0	0	---	---	21
22	---	---	1 14 8	0 027	0 010	0 001	0	0	0	0	---	---	22
23	---	---	0 9388	0 025	0 010	0 002	0	0	0	0 0018	---	---	23
24	---	---	1 02 8	0 026	0 009	0 034	0	0	0	0 0108	---	---	24
25	---	---	0 5088	0 025	0 010	0 004	0	0	0	0 0258	---	---	25
26	---	---	0 3518	0 011	0 008	0 001	0	0	0	0 0818	---	---	26
27	---	0 2318	0 3918	0 002	0 007	0 001	0	0	0	0 0658	---	---	27
28	---	0 2178	0 3468	0 028	0 008	0 001	0	0	0	0 0508	---	---	28
29	---	0 2028	0 2738	0 022	0 003	0 001	0	0	0	0 0408	---	---	29
30	---		0 258	0 017	0 002	0 001	0	0	0	0 0258	---	---	30
31	---		0 207		0 002		0	0		0 0158		---	31
TOTAL	---	---	9 924	1 636	0 445	0 156	0 002	0	0	0 312	---	---	TOTAL
MEAN	---	---	0 320	0 055	0 014	0 005	0	0	0	0 010	---	---	MEAN
MAX	---	---	1 56	0 164	0 027	0 082	0 001	0	0	0 081	---	---	MAX
MIN	---	---	0 014	0 002	0 002	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 051
MAXIMUM DAILY, 1 568 ON MAR 20
MINIMUM DAILY, 0 ON JUN 17
MAXIMUM INSTANTANEOUS,
2 058 AT 19 49 CST ON MAR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 57 05 N
LONG 106 19 46 W
DRAINAGE AREA, 460 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 17
FEB	---	AUG	0
MAR	857	SEP	0
APR	141	OCT	27 0
MAY	38 4	NOV	---
JUN	13 5	DEC	---

TOTAL DISCHARGE, 1 080 dam³

ROCK CREEK BELOW HORSE CREEK NEAR INTERNATIONAL BOUNDARY - STATION NO 11AE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0B	0 B	0 0578	0 9348	0 077	0 045	0 051	0	0	0	0 024	0 0188	1
2	0B	0 B	0 0428	0 8508	0 081	0 043	0 043	0	0	0	0 021	0 0178	2
3	0B	0 B	0 0288	0 9068	0 075	0 042	0 034	0	0	0	0 019	0 0178	3
4	0B	0 B	0 0208	0 9348	0 071	0 040	0 031	0	0	0	0 020	0 0178	4
5	0B	0 B	0 0148	0 893	0 071	0 043	0 025	0	0	0	0 021	0 0178	5
6	0B	0 B	0 0118	0 899	0 071	0 067	0 023	0	0	0	0 023	0 0178	6
7	0B	0 B	0 0088	0 836	0 076	0 073	0 028	0	0	0	0 025	0 0188	7
8	0B	0 B	0 0068	0 675	0 075	0 205	0 025	0	0	0	0 027	0 0208	8
9	0B	0 B	0 0038	0 566	0 077	0 137	0 023	0	0	0	0 029	0 0218	9
10	0B	0 B	0 0018	0 457	0 073	0 111	0 018	0	0	0	0 031	0 0238	10
11	0B	0 B	0 0018	0 385	0 074	0 131	0 014	0	0	0	0 032	0 0208	11
12	0B	0 B	0 B	0 318	0 073	0 127	0 010	0	0	0	0 033	0 0178	12
13	0B	0 B	0 B	0 270	0 073	0 113	0 007	0	0	0	0 035	0 0148	13
14	0B	0 B	0 B	0 237	0 078	0 109	0 005	0	0	0 002	0 033	0 0138	14
15	0B	0 B	0 B	0 212	0 076	0 094	0 002	0	0	0 006	0 0318	0 0118	15
16	0B	0 B	0 B	0 185	0 081	0 083	0	0	0	0 007	0 029	0 0078	16
17	0B	0 B	0 B	0 161	0 081	0 081	0	0	0	0 009	0 024	0 0038	17
18	0B	0 B	0 B	0 140	0 071	0 074	0	0	0	0 010	0 025	0 B	18
19	0B	0 B	0 0148	0 118	0 073	0 068	0	0	0	0 012	0 027	0 B	19
20	0B	0 B	0 0428	0 108	0 070	0 198	0	0	0	0 017	0 026	0 B	20
21	0B	0 B	0 0748	0 095	0 071	1 37	0	0	0	0 018	0 026	0 B	21
22	0B	0 B	0 1428	0 088	0 071	0 834	0	0	0	0 020	0 029	0 B	22
23	0B	0 B	0 2838	0 082	0 071	0 391	0	0	0	0 022	0 032	0 B	23
24	0B	0 B	0 7088	0 082	0 084	0 301	0	0	0	0 023	0 033	0 B	24
25	0B	0 B	0 8508	0 081	0 082	0 238	0	0	0	0 022	0 035	0 B	25
26	0B	0 B	0 9918	0 073	0 084	0 176	0	0	0	0 022	0 0318	0 B	26
27	0B	0 B	1 13 8	0 067	0 083	0 138	0	0	0	0 031	0 0268	0 B	27
28	0B	0 B	1 27 8	0 067	0 085	0 104	0	0	0	0 025	0 0258	0 B	28
29	0B	0 0148	1 13 8	0 074	0 086	0 081	0	0	0	0 026	0 0238	0 B	29
30	0B		0 9918	0 077	0 081	0 067	0	0	0	0 025	0 0208	0 B	30
31	0B		0 9348		0 055		0	0		0 021		0 B	31
TOTAL	0	0 014	8 750	10 868	2 210	E 584	0 339	0	0	0 318	0 817	0 270	TOTAL
MEAN	0	0	0 282	0 362	0 071	0 186	0 011	0	0	0 010	0 027	0 009	MEAN
MAX	0	0 014	1 27	0 934	0 081	1 37	0 051	0	0	0 031	0 036	0 023	MAX
MIN	0	0	0	0 067	0 055	0 040	0	0	0	0	0 018	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 080
MAXIMUM DAILY, 1 37 ON JUN 21
MINIMUM DAILY, 0B ON JAN 1
MAXIMUM INSTANTANEOUS,
2 83 AT 12 15 CST ON JUN 21

DATA CONTRIBUTED BY -
UNITED STATES GEOLOGICAL SURVEY

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 10 N
LONG 106 50 21 W
DRAINAGE AREA, 839 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	29 3
FEB	1 21	AUG	0
MAR	756	SEP	0
APR	939	OCT	27 5
MAY	191	NOV	70 6
JUN	482	DEC	23 3

TOTAL DISCHARGE, 2 520 dam³

ROMANCE CREEK NEAR WATSON - STATION NO 05MA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.8158	0.017	0.025	0	0	0	0	---	---	1
2	---	---	0 B	0.8428	0.023	0.020	0	0	0	0	---	---	2
3	---	---	0 B	0.7858	0.020	0.009	0	0	0	0	---	---	3
4	---	---	0 B	0.7788	0.017	0.011	0	0	0	0	---	---	4
5	---	---	0 B	0.792	0.014	0.012	0	0	0	0	---	---	5
6	---	---	0 B	0.852	0.010	0.010	0	0	0	0	---	---	6
7	---	---	0 B	0.538	0.009	0.020	0	0	0	0	---	---	7
8	---	---	0 B	0.444	0.007	0.022	0	0	0	0	---	---	8
9	---	---	0 B	0.298	0.005	0.021	0	0	0	0	---	---	9
10	---	---	0 B	0.284	0.012	0.013	0	0	0	0	---	---	10
11	---	---	0 B	0.232	0.019	0.009	0	0	0	0	---	---	11
12	---	---	0 B	0.188	0.051	0.010	0	0	0	0	---	---	12
13	---	---	0 B	0.201	0.086	0.010	0	0	0	0	---	---	13
14	---	---	0 B	0.185	0.030	0.010	0	0	0	0	---	---	14
15	---	---	0 B	0.092	0.027	0.010	0	0	0	0	---	---	15
16	---	---	0 B	0.067	0.025	0.011	0	0	0	0	---	---	16
17	---	---	0 B	0.066	0.585	0.009	0	0	0	0	---	---	17
18	---	---	0 B	0.049	0.488	0.008	0	0	0	0	---	---	18
19	---	---	0 B	0.037	0.580	0.008	0	0	0	0	---	---	19
20	---	---	0 B	0.039	0.480	0.010	0	0	0	0	---	---	20
21	---	---	0 B	0.031	0.348	0.011	0	0	0	0	---	---	21
22	---	---	0 B	0.024	0.245	0.015	0	0	0	0	---	---	22
23	---	---	0 B	0.019	0.193	0.012	0	0	0	0	---	---	23
24	---	---	0.0108	0.027	0.176	0.008	0	0	0	0	---	---	24
25	---	---	0.2508	0.025	0.139	0.006	0	0	0	0	---	---	25
26	---	---	0.4718	0.021	0.095	0.004	0	0	0	0	---	---	26
27	---	---	0.8728	0.017	0.075	0.004	0	0	0	0	---	---	27
28	---	---	1.19 B	0.015	0.062	0.003	0	0	0	0	---	---	28
29	---	---	1.04 B	0.012	0.061	0.002	0	0	0	0	---	---	29
30	---	---	1.08 B	0.011	0.046	0.001	0	0	0	0	---	---	30
31	---		0.9468		0.033		0	0		0		---	31
TOTAL	---	---	5.959	7.573	3.928	0.324	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.192	0.252	0.127	0.011	0	0	0	0	---	---	MEAN
MAX	---	---	1.19	0.442	0.580	0.026	0	0	0	0	---	---	MAX
MIN	---	---	0	0.011	0.005	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.073
MAXIMUM DAILY, 1.19B ON MAR 28
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.738 AT 17 22 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 37 N
LONG 104 33 11 W
DRAINAGE AREA, 506 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	515	SEP	0
APR	654	OCT	0
MAY	338	NOV	---
JUN	28.0	DEC	---

TOTAL DISCHARGE, 1 540 dam³

ROUGHBARK RESERVOIR NEAR WEYBURN - STATION NO 05NB016

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	565.850E	565.858A	565.881	565.941	565.875E	565.727	565.221	564.916	564.538	564.500E	564.507E	564.492E	1
2	---	---	565.881	565.943	565.870E	565.714	565.214	564.912	564.530	564.498A	---	---	2
3	---	---	565.882	565.945	565.865E	565.704	565.208	564.907	564.521	564.493E	---	---	3
4	---	---	565.882	565.947	565.860E	565.693	565.199	564.903	564.514	564.489E	---	564.490A	4
5	565.850A	---	565.880	565.948	565.855E	565.684	565.192	564.900	564.510	564.486E	---	---	5
6	---	---	565.878	565.949	565.850E	565.680	565.183	564.896	564.505	564.484E	---	---	6
7	---	---	565.880	565.947	565.845E	565.676	565.176	564.893	564.498	564.482E	---	---	7
8	---	---	565.881	565.945	565.840E	565.666	565.167	564.889	564.492	564.480E	---	---	8
9	---	---	565.881	565.942	565.835E	565.656	565.157	564.883	564.488	564.477E	---	---	9
10	---	---	565.881	565.941	565.830E	565.647	565.146	564.855	564.482	564.475E	---	---	10
11	---	---	565.877	565.939	565.825E	565.641	565.138	564.820	564.479	564.474E	---	---	11
12	---	---	565.878	565.941	565.820E	565.644	565.129	564.785	564.481	564.473E	---	---	12
13	---	---	565.879	565.937	565.815E	565.618	565.116	564.751	564.492	564.489E	---	---	13
14	---	---	565.878	565.937	565.810E	565.586	565.100	564.718	564.497	564.485E	---	---	14
15	---	---	565.878	565.935	565.805E	565.558	565.088	564.685	564.494	564.483E	---	---	15
16	---	---	565.877	565.934	565.800E	565.527	565.073	564.673	564.494	564.487E	---	---	16
17	---	---	565.878	565.930	565.835E	565.494	565.062	564.664	564.502	564.492E	---	---	17
18	---	---	565.879	565.924	565.830E	565.480	565.048	564.654	564.496	564.494E	---	---	18
19	---	---	565.882	565.920	565.825E	565.428	565.028	564.645	564.491E	564.499E	---	---	19
20	---	---	565.900	565.917	565.820E	565.397	565.013	564.635	564.487E	564.509E	---	---	20
21	---	---	565.913	565.915	565.814E	565.373	565.003	564.623	564.492E	564.510E	---	---	21
22	---	---	565.921	565.913	565.807E	565.348	564.997	564.610	564.508E	564.508E	---	---	22
23	---	---	565.930	565.908	565.800E	565.320	564.988	564.598	564.502E	564.508E	---	---	23
24	---	---	565.934	565.901	565.792E	565.298	564.978	564.588	564.507E	564.504E	---	---	24
25	---	---	565.940	565.902A	565.784E	565.275	564.961	564.573	564.509E	564.502E	---	---	25
26	---	---	565.943	565.898E	565.776E	565.260	564.947	564.564	564.508E	564.505E	---	---	26
27	---	---	565.943	565.894E	565.768E	565.255	564.935	564.550	564.507E	564.515E	---	---	27
28	---	565.878A	565.940	565.890E	565.760A	565.247	564.923	564.557	564.506E	564.512E	---	---	28
29	---	565.880	565.938	565.885E	565.758	565.236	564.913	564.554	564.503E	564.510E	---	---	29
30	---		565.937	565.880E	565.752	565.227	564.905	564.552	564.501E	564.508A	564.492E	---	30
31	565.858E		565.938		565.740		564.922	564.547		564.507E		564.485E	31
MEAN	---	---	565.900	565.925	565.815	565.501	565.089	564.720	564.501	564.493	---	---	MEAN
MAX	---	---	565.943	565.949	565.875	565.727	565.221	564.916	564.538	564.515	---	---	MAX
MIN	---	---	565.877	565.880	565.740	565.227	564.905	564.547	564.479	564.483	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 565.949 ON APR 6
MINIMUM DAILY, 564.483E ON OCT 15
MAXIMUM INSTANTANEOUS,
565.950 AT 06 02 CST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 08 N
LONG 103 43 07 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

ROUND LAKE NEAR WHITEWOOD - STATION NO. 05JM007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	441.600	441.621	441.667	441.741	442.145	442.234	442.243	442.233	442.088	442.052	441.979	441.588	1
2	441.595	441.623	441.671	441.744	442.161	442.226	442.247	442.228	442.083	442.053	441.977	441.574	2
3	441.592	441.625	441.674	441.749	442.174	442.217	442.246	442.225	442.058	442.046	441.985	441.563	3
4	441.587	441.623	441.674	441.753	442.194	442.218	442.245	442.222	442.055	442.048	441.992	441.554	4
5	441.588	441.622	441.674	441.757	442.211	442.212	442.246	442.220	442.055	442.042	441.993	441.543	5
6	441.585	441.621	441.676	441.759	442.229	442.212	442.247	442.218	442.048	442.043	441.984	441.531	6
7	441.586	441.619	441.676	441.762	442.247	442.217	442.247	442.214	442.047	442.042	441.959	441.521	7
8	441.590	441.621	441.677	441.765	442.261	442.214	442.252	442.209	442.040	442.043	441.946	441.514	8
9	441.597	441.623	441.678	441.766	442.269	442.210	442.253	442.208	442.039	442.042	441.923	441.507	9
10	441.603	441.623	441.678	441.772	442.261	442.212	442.261	442.205	442.039	442.044	441.897	441.499	10
11	441.610	441.626	441.678	441.779	442.252	442.210	442.266	442.203	442.037	442.045	441.872	441.493	11
12	441.615	441.626	441.678	441.785	442.246	442.207	442.272	442.203	442.062	442.049	441.848	441.483	12
13	441.618	441.629	441.678	441.813	442.246	442.207	442.273	442.203	442.064	442.048	441.823	441.473	13
14	441.624	441.632	441.681	441.835	442.239	442.206	442.271	442.200	442.063	442.055	441.799	441.464	14
15	441.627	441.635	441.678	441.851	442.245	442.205	442.269	442.193	442.064	442.059	441.783	441.457	15
16	441.630	441.637	441.678	441.869	442.230	442.206	442.271	442.190	442.064	442.111A	441.759	441.447	16
17	441.630	441.638	441.676	441.887	442.245	442.211	442.269	442.188	442.063	442.114	441.742	441.441	17
18	441.626	441.640	441.677	441.905	442.221	442.210	442.268	442.186	442.061	442.119	441.730	441.433	18
19	441.623	441.642	441.677	441.922	442.215	442.211	442.262	442.181	442.059	442.145	441.717	441.426	19
20	441.618	441.644	441.678	441.941	442.221	442.208	442.259	442.176	442.058	442.167	441.704	441.418	20
21	441.616	441.646	441.681	441.961	442.221	442.209	442.254	442.167	442.089	442.175	441.693	441.412	21
22	441.614	441.647	441.682	441.981	442.216	442.208	442.244	442.165	442.078	442.174	441.677	441.405	22
23	441.611	441.648	441.685	441.997	442.217	442.212	442.236	442.159	442.069	442.148	441.663	441.397	23
24	441.610	441.649	441.688	442.015	442.221	442.214	442.235	442.160	442.066	442.121	441.652	441.390	24
25	441.608	441.652	441.703	442.032	442.221	442.216	442.231	442.158	442.066	442.115	441.642	441.382	25
26	441.609	441.655	441.717	442.044	442.223	442.222	442.228	442.156	442.062	442.112	441.646	441.376	26
27	441.611	441.656	441.722	442.064	442.225	442.226	442.225	442.152	442.058	442.099	441.640	441.373	27
28	441.614	441.660	441.722	442.096	442.224	442.236	442.219	442.147	442.055	442.073	441.627	441.386	28
29	441.616	441.662	441.728	442.115	442.227	442.240	442.220	442.121	442.052	442.043	441.616	441.358	29
30	441.618		441.734	442.129	442.230	442.241	442.237	442.082	442.051	442.014	441.608	441.351	30
31	441.621		441.736		442.231		442.237	442.074		441.991		441.346	31
MEAN	441.609	441.636	441.688	441.887	442.225	442.216	442.249	442.182	442.058	442.078	441.786	441.454	MEAN
MAX	441.630	441.662	441.736	442.129	442.269	442.241	442.273	442.233	442.075	442.175	441.983	441.589	MAX
MIN	441.585	441.619	441.667	441.741	442.145	442.205	442.219	442.074	442.037	441.991	441.608	441.346	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 441.924
MAXIMUM DAILY, 442.273 ON JUL 13
MINIMUM DAILY, 441.346 ON DEC 31
MAXIMUM INSTANTANEOUS,
442.276 AT 15:35 CST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 32 55 N
LONG 102 21 34 W

A - MANUAL GAUGE

REGULATED SINCE 1944

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

RUSHLAKE CREEK ABOVE HIGHFIELD RESERVOIR - STATION NO. 05JC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.007	0.003	0	0	0	0	0	---	---	1
2	---	---	0 B	0.005	0.003	0	0	0	0	0	---	---	2
3	---	---	0 B	0.004	0.003	0	0	0	0	0	---	---	3
4	---	---	0 B	0.004	0.003	0	0	0	0	0	---	---	4
5	---	---	0 B	0.003	0.003	0	0	0	0	0	---	---	5
6	---	---	0 B	0.003	0.003	0.005	0	0	0	0	---	---	6
7	---	---	0 B	0.004	0.002	0.004	0	0	0	0	---	---	7
8	---	---	0 B	0.004	0.002	0.003	0	0	0	0	---	---	8
9	---	---	0 B	0.004	0.002	0.004	0	0	0	0	---	---	9
10	---	---	0 B	0.005	0.002	0.003	0	0	0	0	---	---	10
11	---	---	0 B	0.005	0.002	0.003	0	0	0	0	---	---	11
12	---	---	0 B	0.005	0.002	0.002	0	0	0	0	---	---	12
13	---	---	0 B	0.005	0.002	0.002	0	0	0	0	---	---	13
14	---	---	0 B	0.005	0.002	0.002	0	0	0	0	---	---	14
15	---	---	0 B	0.005	0.002	0.003	0	0	0	0	---	---	15
16	---	---	0 B	0.005	0.003	0.003	0	0	0	0	---	---	16
17	---	---	0 B	0.005	0.003	0.004	0	0	0	0	---	---	17
18	---	---	0 B	0.005	0.002	0.003	0	0	0	0	---	---	18
19	---	---	0.0078	0.005	0.002	0.002	0	0	0	0	---	---	19
20	---	---	0.0048	0.005	0.002	0.003	0	0	0	0B	---	---	20
21	---	---	0.0608	0.004	0.001	0.004	0	0	0	0B	---	---	21
22	---	---	0.1638	0.005	0.002	0.004	0	0	0	0B	---	---	22
23	---	---	0.1538	0.005	0.001	0.004	0	0	0	0B	---	---	23
24	---	---	0.1238	0.004	0.002	0.003	0	0	0	0B	---	---	24
25	---	---	0.1008	0.004	0.002	0.002	0	0	0	0B	---	---	25
26	---	---	0.0848	0.004	0.002	0.001	0	0	0	0B	---	---	26
27	---	---	0.0688	0.003	0.001	0	0	0	0	0B	---	---	27
28	---	---	0.0498	0.003	0.001	0	0	0	0	0B	---	---	28
29	---	---	0.033	0.003	0.001	0	0	0	0	0B	---	---	29
30	---	---	0.018	0.003	0	0	0	0	0	0B	---	---	30
31	---		0.009		0		0	0		0B	---	---	31
TOTAL	---	---	0.881	0.131	0.081	0.084	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.028	0.004	0.002	0.002	0	0	0	0	---	---	MEAN
MAX	---	---	0.163	0.007	0.003	0.005	0	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.1638 ON MAR 22
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.2778 AT 01:00 CST ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 107 28 06 W
DRAINAGE AREA, 325 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	78.1	SEP	0
APR	11.3	OCT	0
MAY	5.27	NOV	---
JUN	5.53	DEC	---

TOTAL DISCHARGE, 98.2 dam³

RUSSELL CREEK NEAR VANGUARD - STATION NO 05JB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON MAR 1
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 54 16 N
LONG 107 22 16 W
DRAINAGE AREA, 313 km²

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0 dam³

RUSSELL CREEK RESERVOIR - STATION NO 05JB006

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	784.781	787.005	787.340	786.846A	785.986A	784.383	783.538	782.452	782.686E	---	1
2	---	---	784.800	787.031	787.317	786.820E	785.879	784.376	783.368	782.450	782.699E	---	2
3	---	---	784.809	787.056	787.305	786.767E	785.792	784.378	783.147	782.448	782.711E	---	3
4	---	---	784.812	787.082	787.300	786.713E	785.772	784.358	782.937	782.447	782.723E	---	4
5	---	---	784.815	787.105	787.289	786.660E	785.765A	784.324	782.849	782.447	782.735E	---	5
6	---	---	784.818	787.127	787.280A	786.607E	785.755A	784.289	782.848	782.444	782.748E	---	6
7	---	---	784.824	787.154	787.270E	786.553E	785.748	784.218	782.519	782.443	782.760A	---	7
8	---	---	784.821	787.171	787.260E	786.500E	785.739	784.187	782.443	782.441	---	---	8
9	---	---	784.822	787.190	787.250E	786.500E	785.731	784.177	782.446	782.437	---	---	9
10	---	---	784.824	787.225	787.240E	786.500E	785.714	784.168	782.448	782.434	---	---	10
11	---	---	784.823	787.270	787.230E	786.463E	785.608	784.156	782.450	782.433	---	---	11
12	---	---	784.824	787.294	787.220E	786.425E	785.475A	784.146	782.452	782.431	---	---	12
13	---	784.260A	784.826	787.310	787.210E	786.388A	785.384A	784.140	782.452	782.422	---	---	13
14	---	---	784.831	787.328	787.200E	786.382A	785.362	784.129	782.452	782.415	---	---	14
15	---	---	784.832	787.337	787.190E	786.382E	785.359	784.115	782.453	782.411	---	---	15
16	---	---	784.833	787.342	787.180E	786.383A	785.350	784.107	782.452	782.408A	---	---	16
17	---	---	784.832	787.341	787.170A	786.384E	785.325	784.097	782.448	782.416E	---	---	17
18	---	---	784.833	787.335	787.185A	786.384A	785.202	784.091	782.443	782.426E	---	---	18
19	---	---	784.839	787.329	787.188	786.388A	785.069	784.089	782.438	782.431E	---	---	19
20	---	---	784.858	787.324	787.178	786.386E	784.970	784.077	782.439	782.435E	---	---	20
21	---	---	785.332	787.327	787.188	786.382A	784.882	784.067	782.453	782.436E	---	---	21
22	---	---	786.122	787.332	787.182	786.381	784.858	784.061	782.457	782.448E	---	---	22
23	---	---	786.377	787.333	787.182	786.382	784.851	784.058	782.458	782.473E	---	---	23
24	---	---	786.584	787.332	787.155	786.388	784.846	784.050	782.458	782.507E	---	---	24
25	---	---	786.689	787.331	787.142	786.390	784.783	784.041	782.458	782.542E	---	---	25
26	---	---	786.760	787.328	787.085	786.384	784.557	784.032	782.457	782.590E	---	---	26
27	---	---	786.822	787.328	787.048A	786.370	784.525	784.012	782.455	782.611E	---	---	27
28	---	---	786.871	787.328	787.007A	786.305	784.479	783.884	782.455	782.633E	---	---	28
29	---	784.785A	786.910	787.324A	786.974	786.225	784.408	783.747	782.454	782.656E	---	---	29
30	---		786.947	787.339A	786.944	786.102	784.400	783.618	782.453	782.666E	---	---	30
31	---		786.977		786.904		784.387	783.553		782.674E		---	31
MEAN	---	---	785.446	787.256	787.178	786.458	785.224	784.101	782.578	782.481	---	---	MEAN
MAX	---	---	786.977	787.342	787.340	786.846	785.986	784.383	783.538	782.674	---	---	MAX
MIN	---	---	784.781	787.005	786.904	786.102	784.387	783.553	782.438	782.408	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 787.342 ON APR 16
MINIMUM DAILY, 782.408A ON OCT 16
MAXIMUM INSTANTANEOUS,
787.348 AT 18:09 CST ON MAY 1

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 53 55 N
LONG 107 30 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

SALINE CREEK NEAR NOKOMIS - STATION NO 05JJ009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.1208	0 016	0	0 001	0	0	0	---	---	1
2	---	---	0 B	0 1268	0 021	0 003	0	0	0	0	---	---	2
3	---	---	0 B	0 1248	0 025	0 004	0	0	0	0	---	---	3
4	---	---	0 B	0 126	0 023	0 001	0	0	0	0	---	---	4
5	---	---	0 B	0 126	0 018	0	0	0	0	0	---	---	5
6	---	---	0 B	0 126	0 014	0 002	0	0	0	0	---	---	6
7	---	---	0 B	0 131	0 009	0 006	0	0	0	0	---	---	7
8	---	---	0 B	0 115	0 009	0 006	0	0	0	0	---	---	8
9	---	---	0 B	0 111	0 026	0 006	0	0	0	0	---	---	9
10	---	---	0 B	0 117	0 040	0 005	0	0	0	0	---	---	10
11	---	---	0 B	0 128	0 018	0 002	0	0	0	0	---	---	11
12	---	---	0 B	0 122	0 012	0 001	0	0	0	0	---	---	12
13	---	---	0 B	0 117	0 012	0	0	0	0	0	---	---	13
14	---	---	0 B	0 122	0 012	0	0	0	0	0	---	---	14
15	---	---	0 B	0 129	0 027	0	0	0	0	0	---	---	15
16	---	---	0 B	0 141	0.038	0	0	0	0	0	---	---	16
17	---	---	0 B	0 163	0 020	0	0	0	0	0	---	---	17
18	---	---	0 B	0 149	0 048	0	0	0	0	0	---	---	18
19	---	---	0 B	0 080	0 014	0	0	0	0	0	---	---	19
20	---	---	0 B	0 040	0 008	0 002	0	0	0	0	---	---	20
21	---	---	0 B	0 030	0 007	0 003	0	0	0	0	---	---	21
22	---	---	0 B	0 045	0 006	0 002	0	0	0	0	---	---	22
23	---	---	0 B	0 037	0 005	0 001	0	0	0	0	---	---	23
24	---	---	0 0028	0 023	0 003	0	0	0	0	0	---	---	24
25	---	---	0 0288	0 017	0 003	0	0	0	0	0	---	---	25
26	---	---	0 0328	0 012	0 003	0	0	0	0	0	---	---	26
27	---	---	0 0258	0 007	0 003	0	0	0	0	0	---	---	27
28	---	---	0 0378	0 005	0 002	0	0	0	0	0	---	---	28
29	---	---	0 0828	0 006	0 001	0	0	0	0	0	---	---	29
30	---		0 1128	0 012	0	0	0	0	0	0	---	---	30
31	---		0 1228		0		0	0		0		---	31
TOTAL	---	---	0 440	2 507	0 443	0 044	0 001	0	0	0	---	---	TOTAL
MEAN	---	---	0 014	0 087	0 014	0 001	0	0	0	0	---	---	MEAN
MAX	---	---	0 122	0 163	0 048	0 006	0 001	0	0	0	---	---	MAX
MIN	---	---	0	0 005	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 014
MAXIMUM DAILY, 0 163 ON APR 17
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 215 AT 02 39 CST ON APR 18

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 24 58 N
LONG 105 05 10 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 05
FEB	---	AUG	0
MAR	38 0	SEP	0
APR	225	OCT	0
MAY	38 3	NOV	---
JUN	3 80	DEC	---

TOTAL DISCHARGE, 305 dam³

SANDY CREEK NEAR CARON - STATION NO 05JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0 004	0	0	0	0	0	0	---	---	1
2	---	---	0	0 002	0	0	0	0	0	0	---	---	2
3	---	---	0	0 001	0	0	0	0	0	0	---	---	3
4	---	---	0	0 001	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0		0	0	0	0	0	0	---	---	26
27	---	---	0		0	0	0	0	0	0	---	---	27
28	---	---	0		0	0	0	0	0	0	---	---	28
29	---	---	0 001		0	0	0	0	0	0	---	---	29
30	---		0 002	0	0	0	0	0	0	0	---	---	30
31	---		0 004		0		0	0		0E	---	---	31
										0E		---	
TOTAL	---	---	0 007	0 008	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 004	0 004	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 004 ON MAR 31
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 005 AT 19 55 CST ON MAR 31

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 27 05 N
LONG 105 01 45 W
DRAINAGE AREA, 679 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0 60	SEP	0
APR	0 69	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 29 dam³

SASKATCHEWAN RIVER BELOW TOBIN LAKE - STATION NO 05KD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	177	235E	245E	246	260E	375E	182	170E	179	139	172	217A	1
2	184	212E	200E	261	300E	240E	162	218E	170	148	170E	190A	2
3	268	265E	212E	283	280E	207E	305	295E	185	142	180E	276A	3
4	373	385E	255E	334	260E	310E	235	170E	213	182	180E	208A	4
5	344	378E	235E	348	255E	230E	298	175E	225	253	150E	219A	5
6	314	312E	320E	309	235E	207E	265	202E	227	149	150E	188A	6
7	408	280E	245E	257	300E	212E	171	165E	289	198	155E	168A	7
8	353	300E	260E	282	320E	155E	169	155E	212	172	150E	213A	8
9	410E	280E	285E	405	240E	165E	320	160E	207	285	182E	202A	9
10	420E	265E	305E	398	212E	160E	408	205E	212	291	155E	249A	10
11	365E	255E	300E	380	225E	180E	388	150E	180	244	156E	260A	11
12	317E	280E	300E	518	310E	218E	388	165E	203	249	178E	293A	12
13	310E	300E	245E	598	300E	170E	305	150E	218	191	162E	351A	13
14	335E	300E	290E	612	265E	239	166	180E	166	205	203	341A	14
15	250E	245E	300E	630	255E	214	150	180E	176	273	190	208A	15
16	297	261E	290E	650	235E	182	297	180E	166	232	198	233A	16
17	400	270E	235E	808	272E	165	210	155E	268	236	166A	227A	17
18	342	305E	200E	667	212E	192	262	175E	291	254	183A	254A	18
19	396	261E	225E	682	272E	250	290	150E	241	274	169A	229A	19
20	312E	300E	245E	588	218E	264	228	155E	240	241	168A	222A	20
21	265E	200E	320E	521	218E	330	169	150E	277	143	182A	318	21
22	258E	200E	295E	483	212E	408	170	150E	211	223	176A	369	22
23	280E	235E	255E	529	212E	291	250	170E	175	213	179A	342	23
24	320E	212E	207E	541	272E	254	338E	160E	253	189A	166A	234	24
25	300E	300E	235E	486	380E	382	300E	150E	245	270	176A	183	25
26	310E	290E	335E	493	345E	387	175E	150E	239	248	209A	187	26
27	310E	310E	255E	342	310E	365	165E	140E	268	262A	237A	251	27
28	295E	310E	212E	206	478E	477	185E	135E	220	197A	195A	244	28
29	280E	335E	200E	229	488E	526	153E	153	282	321A	211A	272	29
30	285E		203	302	437E	346	150E	147	242	269A	191A	192	30
31	255E		218		460E		153E	188		199		180	31
TOTAL	9 742	8 071	7 947	13 146	8 958	8 079	7 399	5 166	6 660	6 854	5 299	7 680	TOTAL
MEAN	314	278	256	438	289	269	239	167	222	221	177	248	MEAN
MAX	420	378	335	667	486	526	408	295	291	321	237	369	MAX
MIN	177	200	200	206	200	155	150	135	166	139	150	163	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 280
MAXIMUM DAILY, 667 ON APR 16
MINIMUM DAILY, 135E ON AUG 28

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 42 10 N
LONG 103 17 50 W
DRAINAGE AREA, 249 000 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	842 000	JUL	639 000
FEB	697 000	AUG	447 000
MAR	687 000	SEP	576 000
APR	1 140 000	OCT	592 000
MAY	774 000	NOV	458 000
JUN	698 000	DEC	664 000

TOTAL DISCHARGE, 8 210 000 dam³

SASKATCHEWAN RIVER OLD CHANNEL - STATION NO 05KH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 00 B	1 66 B	7 19 B	0 1378	4 17	16 8	5 12	0 211	0 070	1 94	1 29 B	0 3028	1
2	7 00 B	0 5258	1 48 B	0 1438	3 78	8 34	0 514	0 269	0 076	0 413	1 04 B	0 2718	2
3	8 10 B	1 89 B	0 2978	0 1258	7 00	2 22	0 333	1 39	0 145	0 206	0 8148	0 3728	3
4	9 97 B	2 35 B	0 1658	0 0958	3 93	1 67	3 89	3 87	0 141	0 133	2 34 B	1 69 B	4
5	9 21 B	14 0 B	1 51 B	0 1388	3 70	5 20	0 885	0 530	0 531	0 125	3 03 B	0 3368	5
6	6 09 B	5 48 B	0 6078	0 2238	3 17	1 41 A	2 91	0 268	1 12	2 39	2 20 B	1 90 B	6
7	3 89 B	3 17 B	3 36 B	0 2388	1 27	0 924	2 02	0 582	0 659	0 404	1 75 B	0 7628	7
8	14 2 B	1 84 B	1 61 B	0 1568	4 49	0 916	0 334	0 291	1 90	0 544	2 00 B	0 4188	8
9	4 73 B	1 49 B	3 40 B	0 1178	7 04 A	0 372	0 707	0 192	0 778	0 310	1 68 B	1 83 B	9
10	18 4 B	1 38 B	2 92 B	0 9488	1 14	0 294	5 98	0 148	0 676	2 37	1 95 B	0 5858	10
11	13 8 B	0 6488	4 85 B	0 8948	0 917	0 218	12 1	2 07	0 330	5 32	0 6188	1 43 B	11
12	7 17 B	0 2628	4 52 B	1 49 B	1 23	0 299	11 6	0 319	0 223	1 70	1 28 B	5 28 B	12
13	4 86 B	1 23 B	3 00 B	5 88 B	0 606	1 31	12 8	0 336	0 215	1 85	2 82 B	4 99 B	13
14	5 99 B	3 42 B	0 8588	14 3 B	0 872	0 259	5 21	0 408	0 145	0 551	0 9278	7 97 B	14
15	3 87 B	1 57 B	3 19 B	15 2 B	3 44	0 848	0 644	0 214	0 113	1 25	2 37 B	5 97 B	15
16	2 84 B	0 3898	2 49 B	17 1 B	2 22	0 732	0 984	0 233	0 057	3 82	2 54 B	0 6868	16
17	5 54 B	0 6518	2 72 B	31 4 B	1 39	0 369	4 41	0 687	0 053	1 42	3 56 B	0 6218	17
18	5 48 B	2 01 B	0 8988	63 5 B	2 16	0 202	1 38	0 310	1 57	2 96	1 03 B	1 40 B	18
19	2 85 B	3 45 B	0 2588	49 9	0 446	0 249	3 72	0 232	2 57	2 40	1 01 B	3 53 B	19
20	4 65 B	1 23 B	0 1748	27 0	4 40	2 16	2 27	0 269	0 631	3 37	0 5618	2 35 B	20
21	4 00 B	3 37 B	2 13 B	25 0	0 834	2 75	1 95 A	0 233	1 46	1 22	0 7128	5 65 B	21
22	1 50 B	0 4588	4 22 B	13 6 A	1 11	5 35	0 584	0 181	1 11	0 585	0 8008	5 20 B	22
23	0 7828	0 0398	3 90 B	14 1	1 42	3 95	0 747	0 204	0 381	0 677	0 4768	9 08 B	23
24	1 98 B	0 8378	2 79 B	15 3	0 783	1 87	7 08	0 285	0 165	1 01	0 3068	8 43 B	24
25	6 03 B	0 1278	0 9558	13 4	3 28	0 865	9 38	0 180	0 138	0 800	0 2858	1 78 B	25
26	2 27 B	2 97 B	2 57 B	18 0	11 6	7 43	5 04	0 144	0 424	1 97 B	0 5328	0 4848	26
27	4 26 B	3 36 B	5 82 B	13 3	6 27	9 24	0 712	0 116	0 215	2 07 B	1 57 B	0 1238	27
28	3 39 B	2 65 B	2 05 B	5 26	9 96	10 7	0 437	0 155	1 53	2 23 B	1 19 B	0 2338	28
29	2 60 B	4 27 B	0 7738	1 07	21 2	32 1	0 894	0 099	1 01	0 4408	0 8238	3 21 B	29
30	2 40 B		0 2588	1 29	18 2	16 0	0 304	0 075	3 10	4 85 B	0 5828	2 30 B	30
31	1 85 B		0 1448		15 0		0 219	0 075		1 81 B		1 63 B	31
TOTAL	177 802	86 524	70 928	350 482	149 008	134 867	106 982	14 624	21 536	80 898	42 083	83 206	TOTAL
MEAN	5 74	2 30	2 28	11 7	4 81	4 50	3 45	0 472	0 718	1 84	1 40	2 69	MEAN
MAX	18 4	14 0	7 19	63 5	21 2	32 1	12 8	3 87	3 10	5 32	3 56	9 08	MAX
MIN	0 782	0 039	0 144	0 095	0 446	0 202	0 219	0 075	0 053	0 125	0 285	0 123	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.47
MAXIMUM DAILY, 63.5B ON APR 16
MINIMUM DAILY, 0.039B ON FEB 23
MAXIMUM INSTANTANEOUS,
92.6 AT 23:00 CST ON APR 16

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 50 N
LONG 102 58 20 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 400	JUL	9 240
FEB	5 780	AUG	1 280
MAR	6 130	SEP	1 880
APR	30 300	OCT	4 400
MAY	12 800	NOV	3 640
JUN	11 700	DEC	7 190

TOTAL DISCHARGE, 110 000 dam³

SASKATOON S E PROJECT DIVERSION TO LITTLE MANITOU LAKE - STATION NO 05JJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	1.09 E	0	0.085	0	0	0	0.089	---	---	1
2	---	---	0	1.12	0	0.105	0	0	0	0.089	---	---	2
3	---	---	0	1.19	0	0.093	0	0	0	0	---	---	3
4	---	---	0	1.22	0	0.089	0	0	0.050	0	---	---	4
5	---	---	0	1.27	0	0.085	0	0	0.800	0.050	---	---	5
6	---	---	0	1.25	0	0.089	0	0	1.18	0.800	---	---	6
7	---	---	0	1.26 E	0	0.097	0	0	1.00	0.250	---	---	7
8	---	---	0	1.27 E	0	0.089	0	0	0.002	0.070	---	---	8
9	---	---	0	1.28	0	0.105	0	0	0	0.002	---	---	9
10	---	---	0	0.800	0	0.105	0	0	0.284	0	---	---	10
11	---	---	0	0.300	0	0.097	0	0	0.161	0	---	---	11
12	---	---	0	0.075	0	0.089	0	0	0.088	0	---	---	12
13	---	---	0	0.020	0	0.097	0	0	0.088	0	---	---	13
14	---	---	0	0.002	0	0.105	0	0	0.088	0	---	---	14
15	---	---	0	0	0	0.089	0	0	0.050	0	---	---	15
16	---	---	0	0	0	0.085	0	0	0.044	0	---	---	16
17	---	---	0	0	0	0.085	0	0	0.005	0	---	---	17
18	---	---	0	0	0	0.085	0	0	0.044	0	---	---	18
19	---	---	0	0	0	0.072	0	0	0.044	0	---	---	19
20	---	---	0.244	0	0	0.085	0	0	0.200	0	---	---	20
21	---	---	0.183	0	0	0.105	0	0	0.218	0	---	---	21
22	---	---	0.422	0	0	0.563	0	0	0.251	0	---	---	22
23	---	---	0.696	0	0.634	0.560	0	0	0.189	0	---	---	23
24	---	---	0.702E	0	0.851	0.250	0	0	0.161	0	---	---	24
25	---	---	0.708E	0	0.002	0.090	0	0	0.061	0	---	---	25
26	---	---	0.714	0	0.047	0.015	0	0	0.061	0	---	---	26
27	---	---	0.787	0	0.047	0.002	0	0	0.061	0	---	---	27
28	---	---	0.894	0	0.061	0	0	0	0.061	0	---	---	28
29	---	---	0.957E	0	0.105	0	0	0	0.061	0	---	---	29
30	---		1.02	0	0.105	0	0	0	0.061	0	---	---	30
31	---		1.05 E		0.105		0	0		0		---	31
TOTAL	---	---	8.357	11.947	1.787	3.418	0	0	5.053	1.150	---	---	TOTAL
MEAN	---	---	0.270	0.398	0.057	0.114	0	0	0.168	0.037	---	---	MEAN
MAX	---	---	1.05	1.28	0.851	0.563	0	0	1.18	0.800	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.128
MAXIMUM DAILY, 1.28 ON APR 9
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 45 21 N
LONG 105 38 58 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	722	SEP	437
APR	1 030	OCT	99.4
MAY	152	NOV	---
JUN	295	DEC	---

TOTAL DISCHARGE, 2 740 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

SASKATOON S E PROJECT EAST MAIN CANAL BELOW BLACKSTRAP RESERVOIR - STATION NO 05HG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	1.93	2.04	0.467	0.958	2.12	---	---	1
2	---	---	0	0	0.395	1.92	2.00	0.481	0.975	2.11	---	---	2
3	---	---	0	0	1.59	1.93	1.98	0.475	1.00	2.11	---	---	3
4	---	---	0	0	1.76	1.92	1.65	0.516	1.04	1.82	---	---	4
5	---	---	0	0	0.931	1.92	1.91	0.534	1.86	1.43	---	---	5
6	---	---	0	0	0.101	1.94	1.92	0.543	2.32	1.42	---	---	6
7	---	---	0	0	0.098	1.96	1.85	0.580	2.33	1.42	---	---	7
8	---	---	0	0	0.093	2.00	1.79	0.610	2.31	1.41	---	---	8
9	---	---	0	0	0.078	2.03	1.29	0.612	2.31	0.799	---	---	9
10	---	---	0	0	0.070	2.01	0.421	0.649	2.34	0.005	---	---	10
11	---	---	0	0	0.071	1.50	0.424	0.574	2.40	0.004	---	---	11
12	---	---	0	0	0.071	0.811	0.435	0.592	2.48	0.004	---	---	12
13	---	---	0	0	0.069	1.38	0.410	0.611	2.50	0.005	---	---	13
14	---	---	0	0	0.065	2.10	0.396	0.622	2.54	0.003	---	---	14
15	---	---	0	0	0.065	2.10	0.401	0.661	2.58	0.002	---	---	15
16	---	---	0	0	0.834	2.09	0.397	0.680	2.60	0	---	---	16
17	---	---	0	0	1.98	2.08	0.405	0.714	2.60	0	---	---	17
18	---	---	0	0	2.08	2.07	0.412	0.739	2.62	0	---	---	18
19	---	---	0	0	2.08	2.08	0.415	0.760	2.61	0	---	---	19
20	---	---	0	0	1.93	2.09	0.421	0.568	2.64	0	---	---	20
21	---	---	0	0	1.87	2.10	0.429	0.374	2.86	0	---	---	21
22	---	---	0	0	1.90	2.11	0.421	0.678	2.87	0	---	---	22
23	---	---	0	0	2.04	2.12	0.460	0.747	2.77	0	---	---	23
24	---	---	0	0	1.95	2.13	0.483	0.706	2.77	0	---	---	24
25	---	---	0	0	1.97	1.89	0.450	0.885	2.47	0	---	---	25
26	---	---	0	0	2.03	1.39	0.407	0.861	2.32	0	---	---	26
27	---	---	0	0	2.05	1.86	0.389	0.835	2.48	0	---	---	27
28	---	---	0	0	2.07	2.12	0.382	0.726	2.39	0	---	---	28
29	---	---	0	0	2.09	2.13	0.379	0.832	2.14	0	---	---	29
30	---		0	0	2.09	2.06	0.407	0.851	2.13	0	---	---	30
31	---		0		1.98		0.468	0.929		0		---	31
TOTAL	---	---	M	0	36.412	57.591	25.943	19.852	68.013	14.883	---	---	TOTAL
MEAN	---	---	0	0	1.17	1.92	0.837	0.640	2.27	0.473	---	---	MEAN
MAX	---	---	0	0	2.09	2.13	2.04	0.929	2.87	2.12	---	---	MAX
MIN	---	---	0	0	0	0.811	0.379	0.374	0.958	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.908
MAXIMUM DAILY, 2.87 ON SEP 22
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 51 17 N
LONG 108 21 18 W

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 240
FEB	---	AUG	1 720
MAR	0	SEP	5 880
APR	0	OCT	1 270
MAY	3 150	NOV	---
JUN	4 980	DEC	---

TOTAL DISCHARGE, 19 200 dam³

SASKATOON S E PROJECT EAST MAIN CANAL BELOW BRIGHTWATER RESERVOIR - STATION NO 05HG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2 91	2 57	0 301	4 19	2 12	---	---	1
2	---	---	0	0	0 585	2 92	2 55	0 307	4 21	2 11	---	---	2
3	---	---	0	0	1 83	2 92	2 61	0 388	4 20	1 91	---	---	3
4	---	---	0	0	1 57	2 92	2 49	0 495	4 25	0 783	---	---	4
5	---	---	0	0	1 96	2 43	1 96	0 505	4 43	0	---	---	5
6	---	---	0	0	1 58	2 05	1 75	0 514	4 65	0	---	---	6
7	---	---	0	0	1 58	1 72	1 76	0 508	4 66	0	---	---	7
8	---	---	0	0	1 58	1 53	1 77	0 779	4 65	0	---	---	8
9	---	---	0	0	1 23	1 64	1 65	1 74	4 64	0	---	---	9
10	---	---	0	0	0 891	1 56	1 36	3 13	4 62	0	---	---	10
11	---	---	0	0	0 783	1 58	1 34	3 24	4 58	0	---	---	11
12	---	---	0	0	0 744	1 62	1 08	3 24	4 78	0	---	---	12
13	---	---	0	0	0 745	1 66	0 831	3 37	4 77	0	---	---	13
14	---	---	0	0	0 742	1 71	0 838	3 45	4 61	0	---	---	14
15	---	---	0	0	0 715	1 74	0 841	3 47	4 62	0	---	---	15
16	---	---	0	0	0 725	1 76	0 848	3 58	4 64	0	---	---	16
17	---	---	0	0	0 725	1 76	0 743	3 67	4 66	0	---	---	17
18	---	---	0	0	0 748	1 47	0 429	3 69	4 67	0	---	---	18
19	---	---	0	0	0 760	1 23	0 328	3 71	4 53	0	---	---	19
20	---	---	0	0	0 771	1 44	0 334	3 80	4 53	0	---	---	20
21	---	---	0	0	0 787	2 27	0 338	3 05	4 52	0	---	---	21
22	---	---	0	0	0 800	2 54	0 339	3 15	4 58	0	---	---	22
23	---	---	0	0	1 86	2 47	0 342	4 42	4 65	0	---	---	23
24	---	---	0	0	2 56	2 46	0 340	4 43	4 55	0	---	---	24
25	---	---	0	0	2 68	2 43	0 333	4 38	4 58A	0	---	---	25
26	---	---	0	0	3 00	2 42	0 321	4 37	4 48A	0	---	---	26
27	---	---	0	0	2 99	2 59	0 316	4 34	4 32	0	---	---	27
28	---	---	0	0	2 99	2 69	0 306	4 31	3 40	0	---	---	28
29	---	---	0	0	3 97	2 62	0 303	4 30	3 11	0	---	---	29
30	---		0	0	2 95	2 56	0 289	4 27	2 11	0	---	---	30
31	---		0		2 92		0 284	4 22		0		---	31
TOTAL	---	---	0	0	46 035	63 56	31 483	86 869	130 36	5 913	---	---	TOTAL
MEAN	---	---	0	0	1 49	2 12	1 02	2 87	4 35	0 223	---	---	MEAN
MAX	---	---	0	0	3 00	2 92	2 61	4 43	4 82	2 12	---	---	MAX
MIN	---	---	0	0	0	1 23	0 284	0 301	2 11	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 50
MAXIMUM DAILY, 4 82 ON SEP 15
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 37 13 N
LONG 106 32 35 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 720
FEB	---	AUG	7 680
MAR	0	SEP	11 300
APR	0	OCT	594
MAY	3 980	NOV	---
JUN	5 490	DEC	---

TOTAL DISCHARGE, 31 800 dam³

SASKATOON S E PROJECT EAST MAIN CANAL BELOW BRODERICK RESERVOIR - STATION NO 05HG019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	3 28	3 36	2 82	2 52	4 70	2 82	---	---	1
2	---	---	0	0	3 27	3 35	2 78	2 51	4 55	2 10	---	---	2
3	---	---	0	0	3 28	3 28	2 78	2 45	4 45	1 57	---	---	3
4	---	---	0	0	3 30	3 26	2 58	2 93	4 75	0 882	---	---	4
5	---	---	0	0	3 32	3 24	2 84	3 22	4 50	0 340	---	---	5
6	---	---	0	0	3 34	3 25	3 3"	3 48	4 83	0 054	---	---	6
7	---	---	0	0	3 36	3 30	3 36	3 85	4 81	0 030	---	---	7
8	---	---	0	0	2 47	3 28	3 22	4 18	4 87	0 022	---	---	8
9	---	---	0	0	1 35	3 30	3 08	4 17	4 88	0 014	---	---	9
10	---	---	0	0	1 44	3 28	2 95	4 23	4 88	0 004	---	---	10
11	---	---	0	0 001A	1 42	3 21	2 93	4 36	4 88	0	---	---	11
12	---	---	0	0	1 47	3 16	3 05	4 29	4 81	0 001	---	---	12
13	---	---	0	0	1 51	3 16	2 97	4 43	5 01	0 002	---	---	13
14	---	---	0	0	1 56	3 07	2 75	4 52	5 16	0	---	---	14
15	---	---	0	0	1 60	3 20	2 72	4 50	5 13	0	---	---	15
16	---	---	0	1 05	1 61	3 27	2 74	4 46	5 03	0	---	---	16
17	---	---	0	3 13	1 59	3 31	2 68	4 30	4 96	0	---	---	17
18	---	---	0	3 83	1 60	3 26	2 56	4 33	4 92	0	---	---	18
19	---	---	0	3 80	1 61	3 25	2 39	4 41	4 95	0	---	---	19
20	---	---	0	3 74	1 62	3 32	2 31	4 35	4 96	0 002	---	---	20
21	---	---	0	3 67	1 62	3 29	2 31	4 36	4 85	0 004	---	---	21
22	---	---	0	3 62	1 64	3 32	2 43	4 39	4 86	0 003	---	---	22
23	---	---	0	3 58	2 50	3 43	2 37	4 46	4 80	0 002	---	---	23
24	---	---	0	3 55	2 84	3 51	2 35	4 58	4 81	0 002	---	---	24
25	---	---	0	3 52	3 85	3 64	0 885	4 65	4 81	0 002	---	---	25
26	---	---	0	3 49	2 86	3 49	0 050	4 62	4 87	0 0038	---	---	26
27	---	---	0	3 43	2 83	3 36	0 195	4 51	4 44	0 0018	---	---	27
28	---	---	0	3 40	2 78	3 17	1 11	4 57	3 26	0 B	---	---	28
29	---	---	0	3 38	2 75	3 07	2 51	4 56	3 05	0 B	---	---	29
30	---		0	3 34	3 11	2 95	2 61	4 63	3 17	0 B	---	---	30
31	---		0		3 38		2 58	4 67		0 B		---	31
TOTAL	---	---	0	50 531	73 22	88 38	76 310	127 57	140 92	7 858	---	---	TOTAL
MEAN	---	---	0	1 68	2 36	3 28	2 46	4 12	4 70	0 253	---	---	MEAN
MAX	---	---	0	3 83	3 38	3 64	3 36	4 67	5 16	2 82	---	---	MAX
MIN	---	---	0	0	1 35	2 95	0 050	2 45	3 05	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 35
MAXIMUM DAILY, 5 16 ON SEP 14
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 29 01 N
LONG 106 50 53 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6 580
FEB	---	AUG	11 000
MAR	0	SEP	12 200
APR	4 370	OCT	579
MAY	5 330	NOV	---
JUN	8 500	DEC	---

TOTAL DISCHARGE, 48 700 dam³

SASKATOON S.E. PROJECT EAST MAIN CANAL BELOW ZELMA RESERVOIR - STATION NO. 05HE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.54	0.003	0.782	0	0	0	0.721	---	---	1
2	---	---	0 B	1.55	0.003	0.756	0	0	0	0.680	---	---	2
3	---	---	0 B	1.84	0.002	0.774	0	0	0.127	0.638	---	---	3
4	---	---	0 B	1.70	0.002	0.799	0	0	0.847	0.666	---	---	4
5	---	---	0 B	1.74	0.002	0.811	0	0	0.883	0.387	---	---	5
6	---	---	0 B	1.77	0.002	0.818	0	0	0.767	0.001	---	---	6
7	---	---	0 B	1.77	0.002	0.812	0	0	0.747	0.001	---	---	7
8	---	---	0 B	1.72	0.002	0.808	0	0	0.784	0.001	---	---	8
9	---	---	0 B	1.08	0.002	0.803	0	0	0.801	0.001	---	---	9
10	---	---	0 B	0.004	0.003	0.810	0	0	0.825	0.001	---	---	10
11	---	---	0 B	0.004	0.002	0.821	0	0	0.802	0	---	---	11
12	---	---	0 B	0.004	0.002	0.810	0	0	0.785	0	---	---	12
13	---	---	0 B	0.004	0.002	0.803	0	0	0.777	0	---	---	13
14	---	---	0 B	0.004	0.002	0.798	0	0	0.772	0	---	---	14
15	---	---	0 B	0.004	0	0.787	0	0	0.774	0	---	---	15
16	---	---	0 B	0.003	0	0.795	0	0	0.769	0 B	---	---	16
17	---	---	0 B	0.003	0.001	0.788	0	0	0.758	0 B	---	---	17
18	---	---	0 B	0.003	0	0.802	0	0	0.762	0.001B	---	---	18
19	---	---	0.4008	0.003	0	0.830	0	0	0.748	0 B	---	---	19
20	---	---	0.8008	0.003	0	0.829	0	0	0.769	0.001B	---	---	20
21	---	---	0.8008	0.003	0	0.800	0	0	0.788	0.004B	---	---	21
22	---	---	0.8008	0.003	0.206	0.838	0	0	0.754	0.002B	---	---	22
23	---	---	0.8588	0.003	0.575	0.834	0	0	0.732	0.002B	---	---	23
24	---	---	0.907	0.003	0.571	0.850	0	0	0.730	0.001B	---	---	24
25	---	---	0.896	0.003	0.637	0.002	0	0	0.708	0.001B	---	---	25
26	---	---	0.928	0.003	0.701	0.001	0	0	0.695	0.001E	---	---	26
27	---	---	1.05	0.003	0.708	0.001	0	0	0.693	0.001B	---	---	27
28	---	---	1.18	0.002	0.716	0.001	0	0	0.703	0 B	---	---	28
29	---	---	1.27	0.002	0.726	0.001	0	0	0.710	0 E	---	---	29
30	---		1.38	0.087	0.731	0	0	0	0.723	0 B	---	---	30
31	---		1.58		0.754		0	0		0 B		---	31
TOTAL	---	---	12.849	14.841	6.357	18.542	0	0	20.272	3.111	---	---	TOTAL
MEAN	---	---	0.414	0.488	0.205	0.618	0	0	0.676	0.100	---	---	MEAN
MAX	---	---	1.58	1.77	0.754	0.838	0	0	0.825	0.721	---	---	MAX
MIN	---	---	0	0.002	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.309
MAXIMUM DAILY, 1.77 ON APR 6
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 23 N
LONG 105 45 23 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 110	SEP	1 750
APR	1 260	OCT	269
MAY	549	NOV	---
JUN	1 600	DEC	---

TOTAL DISCHARGE, 6 540 dam³

SASKATOON S.E. PROJECT MAIN CANAL ABOVE BLACKSTRAP RESERVOIR - STATION NO. 05HE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	2.71	1.67	0.090	3.44E	2.14	---	---	1
2	---	---	0	0	0.500E	2.70 E	1.86 E	0.092	3.45E	2.08	---	---	2
3	---	---	0	0	1.89	2.70 E	1.86	0.086	3.47E	2.07	---	---	3
4	---	---	0	0	1.89	2.69	1.85	0.156E	3.48	2.07	---	---	4
5	---	---	0	0	1.84 E	2.69	1.85	0.245E	3.82	1.00 E	---	---	5
6	---	---	0	0	1.99 E	1.88	1.99 E	0.325E	3.83	0	---	---	6
7	---	---	0	0	1.38 E	1.89	1.52 E	0.405	3.84	0	---	---	7
8	---	---	0	0	1.56	1.37	1.46 E	0.340	3.98E	0	---	---	8
9	---	---	0	0	1.49	1.37 E	1.39	0.710	3.98E	0	---	---	9
10	---	---	0	0	1.07	1.36 E	0.873	2.45	4.00	0	---	---	10
11	---	---	0	0	1.07	1.36	0.829	2.56 E	3.99	0	---	---	11
12	---	---	0	0	1.06	1.35	0.780	2.57 E	4.13	0	---	---	12
13	---	---	0	0	1.00	1.35	0.721E	2.78	4.13	0	---	---	13
14	---	---	0	0	1.01 E	1.20	0.861E	2.77	4.13	0	---	---	14
15	---	---	0	0	1.02	1.20	0.802E	2.78	3.97E	0	---	---	15
16	---	---	0	0	0.910	1.23 E	0.543E	2.80	3.81E	0	---	---	16
17	---	---	0	0	0.910	1.26 E	0.483E	3.02	3.66	0	---	---	17
18	---	---	0	0	0.903	1.29	0.424	3.02 E	3.80	0	---	---	18
19	---	---	0	0	0.903	0.910	0.133	3.02 E	3.79	0	---	---	19
20	---	---	0	0	0.943E	0.910	0.136	3.02	3.54	0	---	---	20
21	---	---	0	0	0.983E	1.14	0.142E	3.07	3.57	0	---	---	21
22	---	---	0	0	1.02	2.24	0.148E	3.08	3.71E	0	---	---	22
23	---	---	0	0	1.02	2.24 E	0.154	3.29	3.84E	0	---	---	23
24	---	---	0	0	2.47	2.24 E	0.151	3.32	3.98	0	---	---	24
25	---	---	0	0	2.56	2.24	0.148	3.34 E	3.94	0	---	---	25
26	---	---	0	0	2.62 E	2.24	0.151	3.35 E	3.95	0	---	---	26
27	---	---	0	0	2.67 E	1.68	0.154	3.37	3.94	0	---	---	27
28	---	---	0	0	2.73	2.50	0.155E	3.38	3.53	0	---	---	28
29	---	---	0	0	2.94	2.22 E	0.156E	3.37	3.07E	0	---	---	29
30	---		0	0	2.91	1.94 E	0.157	3.41	2.60E	0	---	---	30
31	---		0		2.71		0.092	3.42		0		---	31
TOTAL	---	---	0	0	46.862	54.100	22.043	89.782	112.45	9.36	---	---	TOTAL
MEAN	---	---	0	0	1.51	1.80	0.711	2.25	3.75	0.302	---	---	MEAN
MAX	---	---	0	0	2.94	2.71	1.67	3.42	4.13	2.14	---	---	MAX
MIN	---	---	0	0	0	0.910	0.092	0.086	2.60	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 4.13 ON SEP 12
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 40 50 N
LONG 106 25 35 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 900
FEB	---	AUG	6 030
MAR	0	SEP	9 720
APR	0	OCT	809
MAY	4 050	NOV	---
JUN	4 870	DEC	---

TOTAL DISCHARGE, 27 200 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

SASKATOON S E PROJECT MAIN CANAL ABOVE BRIGHTWATER RESERVOIR - STATION NO 05HG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	3 03	1 59	2 09 E	1 62	4 09E	2 99	---	---	1
2	---	---	0	0	2 91	1 85E	2 12 "	1 57	4 07E	2 30	---	---	2
3	---	---	0	0	2 90	2 12E	2 15	1 31	4 05E	1 74	---	---	3
4	---	---	0	0	2 99	2 38	1 87	1 69E	4 03	1 22	---	---	4
5	---	---	0	0	2 98E	1 88	1 48	2 06E	4 45	0 752	---	---	5
6	---	---	0	0	2 98E	2 11	1 49 E	2 44	4 43	0 300E	---	---	6
7	---	---	0	0	2 97	2 11	1 51 E	2 81	4 43	0 040E	---	---	7
8	---	---	0	0	2 96	2 62	1 52 E	3 55	4 31E	0 021E	---	---	8
9	---	---	0	0	1 40	2 61E	1 53	4 12	4 20E	0 011E	---	---	9
10	---	---	0	0	1 30	2 59E	1 36	3 93	4 09	0 002E	---	---	10
11	---	---	0	0	1 34	2 58	1 33	3 93E	4 13	0	---	---	11
12	---	---	0	0	1 30E	2 63	1 34	3 92E	4 15	0	---	---	12
13	---	---	0	0	1 25E	2 45	1 66	3 92	4 22	0	---	---	13
14	---	---	0	0	1 21	2 44	1 55 E	3 92	4 50	0	---	---	14
15	---	---	0	0	1 31	2 43	1 45 E	4 24	4 51E	0	---	---	15
16	---	---	0	0	1 31E	2 43	1 35	4 06	4 53E	0	---	---	16
17	---	---	0	1 59	1 31	2 39E	1 20	4 13	4 54	0	---	---	17
18	---	---	0	2 70	1 35	2 35	1 31	4 02	4 04	0	---	---	18
19	---	---	0	3 61	1 47	2 26	1 08	4 01E	4 60	0	---	---	19
20	---	---	0	3 57E	1 45E	2 26	1 03	3 99E	4 36	0	---	---	20
21	---	---	0	3 52E	1 44E	2 88	1 09	3 98E	4 20	0	---	---	21
22	---	---	0	3 47E	1 43	2 88	1 03 E	3 97	4 30E	0	---	---	22
23	---	---	0	3 43	1 36	2 98E	0 970E	3 96	4 41E	0	---	---	23
24	---	---	0	3 57	2 23	3 09E	0 912	4 20	4 52	0	---	---	24
25	---	---	0	3 43	2 21	3 19	0 924	3 93	4 53	0	---	---	25
26	---	---	0	3 26	2 10E	3 17	1 01 E	4 13	4 59	0	---	---	26
27	---	---	0	3 21	1 99E	2 71	1 09 E	4 12E	4 58	0	---	---	27
28	---	---	0	3 18	1 88	1 99	1 18 E	4 12E	3 88	0	---	---	28
29	---	---	0	3 17E	1 87	2 02E	1 27	4 11	3 58E	0	---	---	29
30	---		0	3 16	1 59	2 05E	1 94	4 09	3 29E	0	---	---	30
31	---		0		1 59		2 03	4 11		0		---	31
TOTAL	---	---	0	44 87	59 21	73 04	43 666	109 93	127 61	9.376	---	---	TOTAL
MEAN	---	---	0	1 50	1 91	2 43	1 41	3 55	4 25	0 302	---	---	MEAN
MAX	---	---	0	3 61	3 03	3 19	2 15	4 24	4 60	2 99	---	---	MAX
MIN	---	---	0	0	1 21	1 59	0 912	1 31	3 29	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 91
MAXIMUM DAILY, 4 60 ON SEP 19
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 35 15 N
LONG 105 30 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 770
FEB	---	AUG	9 500
MAR	0	SEP	11 000
APR	3 860	OCT	810
MAY	5 120	NOV	---
JUN	6 310	DEC	---

TOTAL DISCHARGE, 40 400 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

SASKATOON S E PROJECT MAIN CANAL ABOVE ZELMA RESERVOIR - STATION NO 05HG011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	1 47	1 36 E	0 058E	0 298E	2 05 E	---	---	1
2	---	---	0	0	0	1 48E	1 32 E	0 050	0 310E	1 99	---	---	2
3	---	---	0	0	0 600E	1 45	1 28	0 053	0 320	1 97	---	---	3
4	---	---	0	0	1 74	1 40	1 29	0 047E	0 317E	1 92	---	---	4
5	---	---	0	0	1 85	1 43	1 11	0 042E	0 313E	1 82	---	---	5
6	---	---	0	0	0 700E	1 45	1 03 E	0 037	0 310E	1 53 E	---	---	6
7	---	---	0	0	0 181	1 47E	0 947E	0 048	0 306	1 44 E	---	---	7
8	---	---	0	0	0 283E	1 50	0 864E	0 126	0 369	1 35 E	---	---	8
9	---	---	0	0		1 42	0 780	0 072E	0 320	1 28	---	---	9
10	---	---	0	0	0	1 39E	0 716	0 018	0 425	0 909E	---	---	10
11	---	---	0	0	0	1 38	0 214	0 059E	0 485E	0 550E	---	---	11
12	---	---	0	0	0	1 23	0 228E	0 089E	0 545	0 193	---	---	12
13	---	---	0	0	0	1 46	0 241	0 140	0 649	0 163E	---	---	13
14	---	---	0	0	0	1 53E	0 225E	0 189	0 676	0 134E	---	---	14
15	---	---	0	0	0	1 59	0 209E	0 149E	0 725	0 104	---	---	15
16	---	---	0	0	0	1 52E	0 193	0 128E	0 805	0	---	---	16
17	---	---	0	0	0 550E	1 48E	0 143E	0 108	0 895	0	---	---	17
18	---	---	0	0	1 31	1 39	0 093	0 139E	0 920	0	---	---	18
19	---	---	0	0	1 28 E	1 43E	0 111E	0 170E	0 950	0	---	---	19
20	---	---	0	0	1 25 E	1 48	0 128	0 201E	0 925	0	---	---	20
21	---	---	0	0	1 23 E	1 51E	0 120E	0 232	1 65	0	---	---	21
22	---	---	0	0	1 20	1 54	0 111E	0 089	1 74 E	0	---	---	22
23	---	---	0	0	1 56	1 53E	0 102	0 084E	1 82 E	0	---	---	23
24	---	---	0	0	1 58 E	1 51E	0 089E	0 100	1 90	0	---	---	24
25	---	---	0	0	1 57	1 49	0 095E	0 149E	2 38	0	---	---	25
26	---	---	0	0	1 38 E	1 09	0 091E	0 198E	2 36	0	---	---	26
27	---	---	0	0	1 19 E	1 29E	0 088	0 247	2 12	0	---	---	27
28	---	---	0	0	0 895	1 49	0 081E	0 257E	2 05	0	---	---	28
29	---	---	0	0	1 04	1 45E	0 075E	0 268E	2 10	0	---	---	29
30	---		0	0	1 53	1 41E	0 069E	0 278E	2 11	0	---	---	30
31	---		0		1 56		0 062E	0 289E		0		---	31
TOTAL	---	---	0	0	24 559	43 20	13 475	4 082	31 244	17 180	---	---	TOTAL
MEAN	---	---	0	0	0 792	1 44	0 435	0 132	1 04	0 554	---	---	MEAN
MAX	---	---	0	0	1 85	1 59	1 36	0 289	2 39	2 05	---	---	MAX
MIN	---	---	0	0	0	1 09	0 062	0 018	0 299	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 566
MAXIMUM DAILY, 2 39 ON SEP 25
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 50 24 N
LONG 105 51 22 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 180
FEB	---	AUG	353
MAR	0	SEP	2 700
APR	0	OCT	1 480
MAY	2 120	NOV	---
JUN	3 730	DEC	---

TOTAL DISCHARGE, 11 500 dam³

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

SASKATOON S E PROJECT MAIN CANAL AT INLET TO DELLWOOD RESERVOIR - STATION NO 05JJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0 545	0	0	0	0 583	---	---	1
2	---	---	0	0	0	0 548	0	0	0	0 581	---	---	2
3	---	---	0	0	0	0 498	0	0	0	0 589	---	---	3
4	---	---	0	0	0	0 562	0	0	0	0 601	---	---	4
5	---	---	0	0	0	0 545	0	0	0	0 593	---	---	5
6	---	---	0	0	0	0 547E	0	0	0	0 200E	---	---	6
7	---	---	0	0	0	0 549E	0	0	0 120E	0 060E	---	---	7
8	---	---	0	0	0	0 551	0	0	0 217	0 015E	---	---	8
9	---	---	0	0	0	0 558	0	0	0 440	0	---	---	9
10	---	---	0	0	0	0 564	0	0	0 413E	0	---	---	10
11	---	---	0	0	0	0 555	0	0	0 387	0	---	---	11
12	---	---	0	0	0	0 565E	0	0	0 457	0	---	---	12
13	---	---	0	0	0	0 575	0	0	0 491	0	---	---	13
14	---	---	0	0	0	0 572E	0	0	0 513	0	---	---	14
15	---	---	0	0	0	0 570	0	0	0 513	0	---	---	15
16	---	---	0	0	0	0 564	0	0	0 531	0	---	---	16
17	---	---	0	0	0	0 559	0	0	0 524	0	---	---	17
18	---	---	0	0	0	0 571E	0	0	0 508E	0	---	---	18
19	---	---	0	0	0	0 583	0	0	0 487	0	---	---	19
20	---	---	0	0	0	0 586	0	0	0 428	0	---	---	20
21	---	---	0	0	0	0 381E	0	0	0 578	0	---	---	21
22	---	---	0	0	0	0 176	0	0	0 591	0	---	---	22
23	---	---	0	0	0	0 120E	0	0	0 569E	0	---	---	23
24	---	---	0	0	0	0 080E	0	0	0 548	0	---	---	24
25	---	---	0	0	0	0 015E	0	0	0 508	0	---	---	25
26	---	---	0	0	0 480	0	0	0	0 552	0	---	---	26
27	---	---	0	0	0 446	0	0	0	0 557	0	---	---	27
28	---	---	0	0	0 549	0	0	0	0 575	0	---	---	28
29	---	---	0	0	0 555	0	0	0	0 580	0	---	---	29
30	---		0	0	0 527	0	0	0	0 580	0	---	---	30
31	---		0		0 543		0	0		0		---	31
TOTAL	---	---	0	0	3 100	11 919	0	0	11 681	3 242	---	---	TOTAL
MEAN	---	---	0	0	0 100	0 397	0	0	0 389	0 105	---	---	MEAN
MAX	---	---	0	0	0 555	0 586	0	0	0 591	0 601	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 122
MAXIMUM DAILY, 0 601 ON OCT 4
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 48 10 N
LONG 105 20 38 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	1 010
APR	0	OCT	280
MAY	288	NOV	---
JUN	1 030	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED
REGULATED

TOTAL DISCHARGE, 2 590 dam³

SASKATOON S E PROJECT MAIN CANAL AT OUTLET OF MANITOU PUMPING STATION - STATION NO 05JJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0 623	0	0	0	0 623	---	---	1
2	---	---	0	0	0	0 623	0	0	0	0 623	---	---	2
3	---	---	0	0	0	0 623	0	0	0	0 623	---	---	3
4	---	---	0	0	0	0 623	0	0	0	0 583	---	---	4
5	---	---	0	0	0	0 623	0	0	0	0 593	---	---	5
6	---	---	0	0	0	0 623	0	0	0 565	0	---	---	6
7	---	---	0	0	0	0 623	0	0	0 580	0	---	---	7
8	---	---	0	0	0	0 623	0	0	0 595	0	---	---	8
9	---	---	0	0	0	0 623	0	0	0 623	0	---	---	9
10	---	---	0	0	0	0 623	0	0	0 637	0	---	---	10
11	---	---	0	0	0	0 637	0	0	0 651	0	---	---	11
12	---	---	0	0	0	0 623	0	0	0 665	0	---	---	12
13	---	---	0	0	0	0 637	0	0	0 651	0	---	---	13
14	---	---	0	0	0	0 623	0	0	0 651	0	---	---	14
15	---	---	0	0	0	0 651	0	0	0 665	0	---	---	15
16	---	---	0	0	0	0 651	0	0	0 651	0	---	---	16
17	---	---	0	0	0	0 623	0	0	0 673	0	---	---	17
18	---	---	0	0	0	0 651	0	0	0 651	0	---	---	18
19	---	---	0	0	0	0 651	0	0	0 637	0	---	---	19
20	---	---	0	0	0	0 637	0	0	0 658	0	---	---	20
21	---	---	0	0	0	0 623	0	0	0 651	0	---	---	21
22	---	---	0	0	0	0	0	0	0 651	0	---	---	22
23	---	---	0	0	0	0	0	0	0 651	0	---	---	23
24	---	---	0	0	0	0	0	0	0 665	0	---	---	24
25	---	---	0	0	0 588	0	0	0	0 665	0	---	---	25
26	---	---	0	0	0 588	0	0	0	0 651	0	---	---	26
27	---	---	0	0	0 588	0	0	0	0 651	0	---	---	27
28	---	---	0	0	0 588	0	0	0	0 651	0	---	---	28
29	---	---	0	0	0 566	0	0	0	0 651	0	---	---	29
30	---		0	0	0 588	0	0	0	0 651	0	---	---	30
31	---		0		0 623		0	0		0		---	31
TOTAL	---	---	0	0	4 019	13 237	0	0	16 092	3 055	---	---	TOTAL
MEAN	---	---	0	0	0 130	0 441	0	0	0 536	0 099	---	---	MEAN
MAX	---	---	0	0	0 623	0 651	0	0	0 673	0 623	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 149
MAXIMUM DAILY, 0 673 ON SEP 17
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 45 21 N
LONG 105 38 58 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	1 380
APR	0	OCT	364
MAY	347	NOV	---
JUN	1 140	DEC	---

DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

TOTAL DISCHARGE, 3 140 dam³

SHAND CREEK NEAR DILLABOUGH - STATION NO 05LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8.26 B	0.573	1.39	0.327	0	0	0	---	---	1
2	---	---	0 B	10.8 B	0.520	0.969	0.147	0	0	0	---	---	2
3	---	---	0 B	12.8 B	0.496	0.852	0.088	0	0	0	---	---	3
4	---	---	0 B	12.8 B	0.419	0.394	0.036	0	0	0	---	---	4
5	---	---	0 B	12.3	0.317	0.358	0.011	0	0	0	---	---	5
6	---	---	0 B	11.0	0.232	0.035	0.059	0	0	0	---	---	6
7	---	---	0 B	9.51	0.192	1.91	0.067	0	0	0	---	---	7
8	---	---	0 B	8.72	0.162	13.7	0.123	0	0	0	---	---	8
9	---	---	0 B	4.70	0.208	22.7	0.151	0	0	0	---	---	9
10	---	---	0 B	3.78	0.274	15.8	0.188	0	0	0	---	---	10
11	---	---	0 B	4.04	0.470	9.38	0.188	0	0	0	---	---	11
12	---	---	0 B	3.15	0.800	5.90	0.195	0	0	0	---	---	12
13	---	---	0 B	2.70	1.00	4.10	0.188	0	0	0	---	---	13
14	---	---	0 B	2.37	0.981	2.97	0.172	0	0	0	---	---	14
15	---	---	0 B	1.64	1.01	1.72	0.156	0	0	0	---	---	15
16	---	---	0 B	1.11	0.846	0.892	0.127	0	0	0	---	---	16
17	---	---	0 B	0.885	0.778	1.06	0.093	0	0	0	---	---	17
18	---	---	0 B	0.822	1.31	2.76	0.084	0	0	0	---	---	18
19	---	---	0 B	0.442	2.35	3.50	0.041	0	0	0	---	---	19
20	---	---	0 B	0.313	2.88	3.16	0.027	0	0	0	---	---	20
21	---	---	0 B	0.253	2.89	3.01	0.014	0	0	0	---	---	21
22	---	---	0 B	0.211	2.74	2.87	0.009	0	0	0	---	---	22
23	---	---	0 B	0.232	2.51	3.31	0.003	0	0	0	---	---	23
24	---	---	0 B	0.327	2.74	4.48	0	0	0	0	---	---	24
25	---	---	0 B	1.14	4.08	3.26	0	0	0	0B	---	---	25
26	---	---	0 B	1.03	4.91	2.32	0	0	0	0B	---	---	26
27	---	---	0 4768	1.14	4.80	1.42	0	0	0	0B	---	---	27
28	---	---	1.40 B	0.878	4.03	0.952	0	0	0	0B	---	---	28
29	---	---	1.97 B	0.812	2.96	0.801	0	0	0	0B	---	---	29
30	---		3.35 B	0.686	2.37	0.877	0	0	0	0B	---	---	30
31	---		5.64 B		2.43		0	0		0B		---	31
TOTAL	---	---	12.838	116.542	52.278	116.550	2.455	0	0	0	---	---	TOTAL
MEAN	---	---	0.414	3.88	1.69	3.89	0.079	0	0	0	---	---	MEAN
MAX	---	---	5.64	12.8	4.91	22.7	0.327	0	0	0	---	---	MAX
MIN	---	---	0	0.211	0.162	0.035	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 22.7 ON JUN 9
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
23.9 AT 10:14 CST ON JUN 9

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 37 06 N
LONG 102 46 05 W
DRAINAGE AREA, 550 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	212
FEB	---	AUG	0
MAR	1 110	SEP	0
APR	10 100	OCT	0
MAY	4 520	NOV	---
JUN	10 100	DEC	---

TOTAL DISCHARGE, 26 000 dam³

SHELL BROOK NEAR SHELLBROOK - STATION NO 05GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.76 B	0.596	2.24	2.08	0.138	0.001	0.149	---	---	1
2	---	---	0 B	2.55 B	0.616	2.32	1.84	0.099	0.001	0.129	---	---	2
3	---	---	0 B	2.54 B	0.618	2.35	1.66	0.141	0.001	0.116	---	---	3
4	---	---	0 B	2.47 B	0.532	2.28	1.48	0.192	0.001	0.107	---	---	4
5	---	---	0 B	2.49 B	0.777	2.22	1.34	0.218	0.001	0.101	---	---	5
6	---	---	0 B	2.95 B	0.892	2.23	1.21	0.199	0.001	0.102	---	---	6
7	---	---	0 B	3.60 B	0.981	2.55	1.09	0.164	0.002	0.111	---	---	7
8	---	---	0 B	4.31 B	1.01	3.18	0.973	0.145	0.007	0.112	---	---	8
9	---	---	0 B	4.52	1.09	4.01	0.862	0.142	0.010	0.118	---	---	9
10	---	---	0 B	4.19	1.15	3.94	0.748	0.135	0.012	0.130	---	---	10
11	---	---	0 B	4.49	1.22	3.82	0.643	0.180	0.014	0.136	---	---	11
12	---	---	0 B	4.62	1.27	3.51	0.549	0.177	0.019	0.136	---	---	12
13	---	---	0 B	4.78	1.28	3.48	0.503	0.160	0.021	0.141	---	---	13
14	---	---	0 B	4.49	1.28	3.52	0.513	0.141	0.020	0.153	---	---	14
15	---	---	0 B	4.24	1.32	3.58	0.490	0.176	0.017	0.157	---	---	15
16	---	---	0 B	3.94	1.36	3.72	0.485	0.183	0.013	0.147	---	---	16
17	---	---	0 0078	3.55	1.48	3.76	0.458	0.217	0.010	0.159	---	---	17
18	---	---	0 0208	3.08	1.84	3.90	0.442	0.201	0.006	0.182	---	---	18
19	---	---	0 2208	2.85	1.73	4.37	0.421	0.164	0.002	0.211	---	---	19
20	---	---	0 4808	2.28	1.77	4.43	0.389	0.172	0.001	0.226	---	---	20
21	---	---	0 6948	1.97	1.81	4.42	0.383	0.148	0.023	0.244	---	---	21
22	---	---	0 7038	1.70	1.87	4.57	0.387	0.128	0.112	0.260	---	---	22
23	---	---	0 7148	1.50	1.83	4.61	0.385	0.142	0.141	0.256	---	---	23
24	---	---	0 7488	1.36	2.04	4.53	0.354	0.178	0.152	0.2638	---	---	24
25	---	---	0 8018	1.24	2.22	4.38	0.338	0.139	0.155	0.2638	---	---	25
26	---	---	0 8918	1.14	2.31	3.90	0.318	0.093	0.142	0.2708	---	---	26
27	---	---	0 9838	1.04	2.34	3.43	0.293	0.074	0.127	0.2758	---	---	27
28	---	---	1.04 B	0.919	2.38	3.20	0.284	0.022	0.111	0.2838	---	---	28
29	---	---	1.33 B	0.792	2.35	2.76	0.234	0.008	0.123	0.2928	---	---	29
30	---		1.84 B	0.673	2.34	2.38	0.207	0.003	0.158	0.2988	---	---	30
31	---		2.66 B		2.27		0.171	0.001		0.3108		---	31
TOTAL	---	---	13.211	82.834	46.473	103.37	21.508	4.281	1.404	5.838	---	---	TOTAL
MEAN	---	---	0.426	2.76	1.50	3.45	0.694	0.138	0.047	0.188	---	---	MEAN
MAX	---	---	2.66	4.78	2.38	4.61	2.08	0.218	0.158	0.310	---	---	MAX
MIN	---	---	0	0.673	0.532	2.22	0.171	0.001	0.001	0.101	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 4.78 ON APR 13
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.84 AT 00:38 CST ON APR 13

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 15 10 N
LONG 108 23 09 W
DRAINAGE AREA, 2 560 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 880
FEB	---	AUG	370
MAR	1 140	SEP	121
APR	7 150	OCT	504
MAY	4 020	NOV	---
JUN	8 930	DEC	---

TOTAL DISCHARGE, 24 100 dam³

SHELL LAKE NEAR SHELL LAKE - STATION NO. 05GF004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	581.849	581.858	581.840	581.535	581.501	---	---	1
2	---	---	---	---	---	581.843	581.843	581.835	581.532	581.500	---	---	2
3	---	---	---	---	---	581.838	581.827	581.832	581.527	581.498	---	---	3
4	---	---	---	---	---	581.826	581.809	581.828	581.522	581.496	---	---	4
5	---	---	---	---	---	581.868	581.795	581.825	581.517	581.494	---	---	5
6	---	---	---	---	---	581.908	581.778	581.822	581.514	581.491	---	---	6
7	---	---	---	---	---	581.949	581.772	581.818	581.512	581.489	---	---	7
8	---	---	---	---	---	581.984	581.770	581.818	581.510	---	---	---	8
9	---	---	---	---	---	582.031	581.758	581.813	581.508	---	---	---	9
10	---	---	---	---	---	582.071	581.753	581.810	581.507	---	---	---	10
11	---	---	---	---	---	582.113	581.749	581.807	581.504	---	---	---	11
12	---	---	---	---	---	582.103	581.745	581.805	581.501	581.484	---	---	12
13	---	---	---	---	---	582.081	581.741	581.802	581.499	581.483	---	---	13
14	---	---	---	---	---	582.078	581.736	581.799	581.497	581.482	---	---	14
15	---	---	---	---	---	582.066	581.732	581.795	581.495	581.486	---	---	15
16	---	---	---	---	---	582.050	581.729	581.792	581.493	581.490	---	---	16
17	---	---	---	---	---	582.035	581.726	581.790	581.490	581.494	---	---	17
18	---	---	---	---	---	582.017	581.724	581.788	581.488	581.497	---	---	18
19	---	---	---	---	---	582.005	581.722	581.786	581.487	581.497	---	---	19
20	---	---	---	---	---	581.991	581.713	581.784	581.487	581.497	581.539	---	20
21	---	---	---	---	---	581.980	581.704	581.580	581.493	581.510	---	---	21
22	---	---	---	---	---	581.969	581.695	581.520	581.512	581.510	---	---	22
23	---	---	---	---	---	581.957	581.689	581.578	581.530	581.510	---	---	23
24	---	---	---	---	---	581.946	581.683	581.577	581.527	581.509	---	---	24
25	---	---	---	---	581.840	581.939	581.677	581.575	581.523	581.509	---	---	25
26	---	---	---	---	581.854	581.932	581.672	581.571	581.520	581.509	---	---	26
27	---	---	---	---	581.876	581.925	581.666	581.566	581.517	581.509	---	---	27
28	---	---	---	---	581.877	581.908	581.661	581.580	581.512	---	---	---	28
29	---	---	---	---	581.875	581.893	581.656	581.553	581.508	---	---	---	29
30	---		---	---	581.868	581.878	581.651	581.546	581.503	---	---	---	30
31	---		---		581.855		581.645	581.541		---		---	31
MEAN	---	---	---	---	---	581.988	581.732	581.594	581.509	---	---	---	MEAN
MAX	---	---	---	---	---	582.113	581.858	581.840	581.536	---	---	---	MAX
MIN	---	---	---	---	---	581.826	581.645	581.541	581.487	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1984

MAXIMUM DAILY, 582.113 ON JUN 11
MINIMUM DAILY, 581.482 ON OCT 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 13 25 N
LONG 107 10 17 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SHEPHERD DITCH NEAR CONSUL - STATION NO. 11AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0.0108	0.097	0.001	0	0.002	0.003	0.002	---	---	1
2	---	---	0B	0.0228	0.105	0.002	0	0.002	0.003	0.002	---	---	2
3	---	---	0B	0.0328	0.118	0.002	0.001	0.002	0.002	0.002	---	---	3
4	---	---	0B	0.0348	0.114	0.002	0.001	0.001	0.002	0.003	---	---	4
5	---	---	0B	0.1368	0.125	0.003	0.001	0.001	0.002	0.003	---	---	5
6	---	---	0B	0.2508	0.118	0.002	0.001	0.001	0.002	0.003	---	---	6
7	---	---	0B	0.2438	0.134	0.002	0.002	0.002	0.002	0.003	---	---	7
8	---	---	0B	0.1728	0.127	0.002	0.002	0.002	0.003	0.003	---	---	8
9	---	---	0B	0.1808	0.119	0.002	0.002	0.002	0.002	0.003	---	---	9
10	---	---	0B	0.2098	0.117	0.002	0.003	0.002	0.002	0.003	---	---	10
11	---	---	0B	0.2628	0.112	0.002	0.002	0.002	0.003	0.004	---	---	11
12	---	---	0B	0.2658	0.007	0.002	0.002	0.003	0.003	0.004	---	---	12
13	---	---	0B	0.2598	0.004	0.001	0.002	0.003	0.003	0.003	---	---	13
14	---	---	0B	0.2278	0.004	0.001	0.002	0.003	0.003	0.002	---	---	14
15	---	---	0B	0.202	0.003	0.001	0.002	0.003	0.003	0.002	---	---	15
16	---	---	0B	0.253	0.003	0.001	0.001	0.003	0.003	0.002	---	---	16
17	---	---	0B	0.286	0.001	0.001	0.001	0.003	0.003	0.002	---	---	17
18	---	---	0B	0.304	0.001	0	0.001	0.003	0.003	0.002	---	---	18
19	---	---	0B	0.291	0.001	0	0.001	0.002	0.003	0.002	---	---	19
20	---	---	0B	0.290	0	0	0.001	0.002	0.003	0.002	---	---	20
21	---	---	0B	0.269	0	0	0.001	0.002	0.003	0.003	---	---	21
22	---	---	0B	0.282	0.001	0	0.001	0.003	0.003	0.0038	---	---	22
23	---	0B	0B	0.249	0.001	0	0.001	0.003	0.002	0.0028	---	---	23
24	---	0B	0B	0.197	0.001	0	0.001	0.003	0.003	0.0028	---	---	24
25	---	0B	0B	0.138	0.001	0	0.001	0.003	0.003	0.0028	---	---	25
26	---	0B	0B	0.131	0.001	0	0.001	0.002	0.002	0.0028	---	---	26
27	---	0B	0B	0.108	0.002	0	0.001	0.002	0.002	0.0028	---	---	27
28	---	0B	0B	0.104	0.002	0	0.001	0.002	0.002	0.0028	---	---	28
29	---	0B	0B	0.102	0.001	0	0.002	0.002	0.002	0.0028	---	---	29
30	---		0B	0.102	0.002	0	0.002	0.002	0.002	0.0028	---	---	30
31	---		0B		0.001		0.002	0.003		0.0028		---	31
TOTAL	---	---	0	5.853	1.332	0.039	0.042	0.071	0.077	0.078	---	---	TOTAL
MEAN	---	---	0	0.188	0.043	0.001	0.001	0.002	0.003	0.002	---	---	MEAN
MAX	---	---	0	0.308	0.134	0.003	0.003	0.003	0.003	0.004	---	---	MAX
MIN	---	---	0	0.010	0	0	0	0.001	0.002	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MEAN, 0.030
MAXIMUM DAILY, 0.308 ON APR 18
MINIMUM DAILY, 0B ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 24 50 N
LONG 109 44 30 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3.63
FEB	---	AUG	6.13
MAR	0	SEP	8.85
APR	488	OCT	6.67
MAY	114	NOV	---
JUN	2.81	DEC	---

TOTAL DISCHARGE, 627 dam³

SHORT CREEK NEAR ROCHE PERCEE - STATION NO 05NB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002B	0.003B	0.036B	0.253	0.103	0	0	0	0	0	0	0.001B	1
2	0.002B	0.001B	0.030B	0.192	0.105	0	0	0	0	0	0 B	0.001B	2
3	0.002B	0.001B	0.023B	0.149	0.563	0	0	0	0	0	0 B	0.001B	3
4	0.005B	0.007B	0.019B	0.144	0.715	0	0	0	0	0	0 B	0.001B	4
5	0.001B	0.033B	0.016B	0.099	0.562	0	0	0	0	0	0 B	0.001B	5
6	0 B	0.035B	0.015B	0.090	0.548	0	0	0	0	0	0.001B	0.001B	6
7	0 B	0.015B	0.022B	0.076	0.464	0	0	0	0	0	0.003B	0.001B	7
8	0 B	0.016B	0.021B	0.059	0.396	0	0	0	0	0	0.001B	0.001B	8
9	0 B	0.011B	0.015B	0.050	0.326	0	0	0	0	0	0.001B	0.001B	9
10	0 B	0.003B	0.012B	0.048	0.242	0	0	0	0	0	0.001B	0.001B	10
11	0 B	0.003B	0.010B	0.045	0.172	0	0	0	0	0	0.001B	0.002B	11
12	0 B	0.001B	0.009B	0.043	0.129	0	0	0	0	0	0.001B	0.002B	12
13	0 B	0.002B	0.008B	0.042	0.088	0	0	0	0	0	0.001B	0.001B	13
14	0 B	0.002B	0.007B	0.065	0.071	0	0	0	0	0	0.001B	0 B	14
15	0 B	0.003B	0.006B	0.073	0.054	0.001	0	0	0	0	0.002B	0 B	15
16	0 B	0.001B	0.008B	0.082	0.044	0.001	0	0	0	0	0.001B	0 B	16
17	0 B	0.001B	0.008B	0.099	0.033	0.001	0	0	0	0	0.001B	0 B	17
18	0 B	0.001B	0.005B	0.095	0.024	0.001	0	0	0	0	0.001B	0 B	18
19	0 B	0.001B	0.023B	0.080	0.018	0.018	0	0	0	0	0.001B	0 B	19
20	0 B	0.001B	0.056B	0.070	0.011	0.013	0	0	0	0	0.002B	0 B	20
21	0 B	0.005B	0.062B	0.060	0.009	0.008	0	0	0	0	0.002B	0 B	21
22	0.001B	0.002B	0.098B	0.062	0.008	0.009	0	0	0	0	0.003B	0.001B	22
23	0.002B	0.001B	0.218B	0.066	0.006	0.008	0	0	0	0	0.001B	0.001B	23
24	0.002B	0.016B	0.631B	0.080	0.004	0.006	0	0	0	0	0.001B	0 B	24
25	0.004B	0.039B	0.665B	0.078	0.003	0.004	0	0	0	0	0.001B	0 B	25
26	0.008B	0.112B	0.679B	0.062	0.004	0.003	0	0	0	0	0.001B	0 B	26
27	0.009B	0.192B	0.670B	0.056	0.002	0.003	0	0	0	0	0.001B	0 B	27
28	0.008B	0.054B	0.567B	0.060	0.001	0.002	0	0	0	0	0.001B	0 B	28
29	0.009B	0.043B	0.454B	0.068	0.002	0.001	0	0	0	0	0.001B	0 B	29
30	0.010B		0.374B	0.082	0.002	0	0	0	0	0	0.001B	0 B	30
31	0.014B		0.313B		0.001		0	0		0		0 B	31
TOTAL	0.077	0.605	5.078	2.529	4.708	0.077	E	E	0	0	0.032	E 0.017	TOTAL
MEAN	0.002	0.021	0.164	0.084	0.152	0.003	0	0	0	0	0.001	0.001	MEAN
MAX	0.014	0.192	0.679	0.253	0.715	0.018	0	0	0	0	0.003	0.002	MAX
MIN	0	0.001	0.005	0.042	0.001	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 0.715 ON MAY 4
MINIMUM DAILY, 0B ON JAN 6
MAXIMUM INSTANTANEOUS,
1.118 AT 13 14 CST ON MAR 26

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 01 52 N
LONG 102 50 57 W
DRAINAGE AREA, 1 210 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 65	JUL	0
FEB	52 3	AUG	0
MAR	438	SEP	0
APR	219	OCT	0
MAY	407	NOV	2 76
JUN	6 65	DEC	1 47

TOTAL DISCHARGE, 1 130 dam³

SILTON INDEX RESERVOIR - STATION NO 05JH007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	28.330E	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	27.680	---	---	2
3	---	---	---	28.330	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	27.675	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	28.009	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	28.200E	---	---	---	---	---	---	20
21	---	---	---	---	---	28.330E	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	28.009E	28.254	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	28.265	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	28.212	---	---	---	---	---	---	---	29
30	---		---	28.250E	---	28.240E	27.985	---	27.680E	---	---	---	30
31	---		28.300E		28.210E		27.950E	27.744		27.680E		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.330E ON APR 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 47 58 N
LONG 104 54 11 W

E - ESTIMATED

DRAINAGE AREA,
19.7 km²

SMITH CREEK NEAR MARCHWELL - STATION NO. 05ME007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 121	0 003	0	0	0	0	0	---	---	1
2	---	---	0 B	0 276	0 006	0	0	0	0	0	---	---	2
3	---	---	0 B	0 055	0 005	0	0	0	0	0	---	---	3
4	---	---	0 B	0 046	0 005	0	0	0	0	0	---	---	4
5	---	---	0 B	0 027	0 008	0	0	0	0	0	---	---	5
6	---	---	0 B	0 015	0 013	0	0	0	0	0	---	---	6
7	---	---	0 B	0 007	0 012	0	0	0	0	0	---	---	7
8	---	---	0 B	0 076	0 013	0	0	0	0	0	---	---	8
9	---	---	0 B	0 108	0 010	0	0	0	0	0	---	---	9
10	---	---	0 B	0 092	0 007	0	0	0	0	0	---	---	10
11	---	---	0 B	0 072	0 005	0	0	0	0	0	---	---	11
12	---	---	0 B	0 061	0 004	0	0	0	0	0	---	---	12
13	---	---	0 B	0 061	0 003	0	0	0	0	0	---	---	13
14	---	---	0 B	0 049	0 002	0	0	0	0	0	---	---	14
15	---	---	0 B	0 036	0 001	0	0	0	0	0	---	---	15
16	---	---	0 B	0 024	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0 016	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0 014	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0 010	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0 006	0	0	0	0	0	0	---	---	20
21	---	---	0 0758	0 005	0	0	0	0	0	0	---	---	21
22	---	---	0 2368	0 003	0	0	0	0	0	0	---	---	22
23	---	---	0 1838	0 002	0	0	0	0	0	0	---	---	23
24	---	---	0 289	0 001	0	0	0	0	0	0	---	---	24
25	---	---	0 369	0 001	0	0	0	0	0	0	---	---	25
26	---	---	0 473	0	0	0	0	0	0	0	---	---	26
27	---	---	0 523	0	0	0	0	0	0	0	---	---	27
28	---	---	0 375	0 001	0	0	0	0	0	0	---	---	28
29	---	---	0 195	0	0	0	0	0	0	0	---	---	29
30	---	---	0 139	0 001	0	0	0	0	0	0	---	---	30
31	---		0 084		0		0	0		0	---	---	31
TOTAL	---	---	2 921	1 227	0 097	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 094	0 041	0 003	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 523	0 276	0 013	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 017
MAXIMUM DAILY, 0 523 ON MAR 27
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 711 AT 02 30 CST ON MAR 27

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 49 58 N
LONG 101 34 43 W
DRAINAGE AREA, 435 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	252	SEP	0
APR	106	OCT	0
MAY	8 38	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 366 dam³

SMOOTHSTONE RIVER BELOW EMMELINE LAKE - STATION NO. 05CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 748	3 268	2 898	2 818	11 2	40 1	19 7	8 41	5 91	6 78	6 70E	5 828	1
2	3 758	3 158	3 028	2 898	10 8	40 1	18 1	8 14	5 85	7 19	6 69E	5 778	2
3	4 008	3 328	3 128	3 138	10 5	37 5	17 3	7 92	5 92	6 89	6 69E	5 728	3
4	4 288	3 398	3 078	3 738	10 4	34 7	15 9	7 84	5 77	6 40A	6 59E	5 678	4
5	4 138	2 958	2 918	4 228	10 2	33 5	14 8	7 76	6 49	6 80E	6 68E	5 828	5
6	3 918	2 548	2 708	5 238	10 1	32 0	13 6	8 20	5 19	6 80E	6 68A	5 578	6
7	3 818	2 688	2 618	6 018	10 2	30 2	13 3	9 02	6 08	6 79E	6 67E	5 558	7
8	3 618	2 808	2 758	7 078	10 3	31 4	13 9	9 81	7 45	6 79E	6 65E	5 648	8
9	4 098	2 888	2 788	7 678	9 63	30 6	13 5	9 85	8 08	6 79E	6 63E	5 508	9
10	4 468	2 868	2 658	8 958	9 97	30 5	12 8	9 42	8 29	6 78E	6 60E	5 278	10
11	4 398	3 028	2 588	9 188	11 7	29 3	12 2	9 01	8 55	6 78E	6 58E	5 038	11
12	4 208	3 148	2 548	9 318	12 2	26 8	11 5	8 67	8 92	6 78E	6 56E	4 438	12
13	4 078	3 088	2 648	8 538	12 2	25 6	10 8	8 30	9 09	6 77E	6 54E	4 888	13
14	4 018	3 078	2 798	9 558	11 6	24 8	10 8	8 70	9 16	6 71E	6 51E	4 898	14
15	4 048	3 258	2 978	9 46	10 8	24 0	10 8	8 95	9 16	6 76E	6 47E	4 518	15
16	3 728	3 258	3 108	8 71	12 3	22 4	10 9	8 90	8 94	6 76E	6 44E	4 498	16
17	3 668	3 078	3 088	10 1	15 6	23 9	10 8	8 85	8 93	6 76E	6 40E	4 378	17
18	3 718	3 028	3 158	10 3	20 1	26 7	10 5	8 62	8 86	6 75E	6 37E	4 338	18
19	3 288	3 008	3 198	10 6	20 7	26 8	10 1	8 31	8 59	6 75E	6 34E	4 278	19
20	3 168	3 008	3 288	10 8	22 1	26 9	10 3	8 24	8 47	6 75E	6 30E	4 328	20
21	3 258	3 058	3 318	11 3	27 9	27 5	12 0	8 34	7 99	6 74E	6 28E	4 178	21
22	3 038	3 058	3 198	11 5	32 2	27 1	12 1	7 98	7 38	6 74E	6 22E	4 108	22
23	2 928	2 988	3 068	11 7	34 0	26 4	11 9	7 74	7 52	6 73E	6 18E	3 848	23
24	2 988	2 868	2 978	11 6	36 0	25 3	11 2	7 70	7 55	6 73E	6 14E	3 638	24
25	3 208	2 788	2 948	11 6	38 6	24 9	10 8	7 53	7 43	6 73E	6 10E	3 528	25
26	3 838	2 828	2 938	11 7	40 3	23 9	10 5	7 31	7 37	6 72E	6 06E	3 488	26
27	3 598	2 948	2 978	11 7	42 2	22 5	10 1	7 12	7 59	6 72E	6 02E	3 408	27
28	2 898	3 008	2 738	11 6	42 6	21 7	9 72	6 75	7 38	6 71E	5 98E	3 338	28
29	2 738	2 988	2 648	11 5	42 3	20 9	9 51	7 54	7 05	6 71E	5 94E	3 328	29
30	2 538		2 618	11 4	41 6	19 7	9 18	7 72	6 90	6 71E	5 89E	3 208	30
31	3 278		2 698		40 1		8 76	6 52		6 70E		3 048	31
TOTAL	112 61	87 30	89 92	264 85	670 40	837 7	377 37	255 17	228 88	209 58	191 98	140 28	TOTAL
MEAN	3 63	3 01	2 90	8 83	21 6	27 9	12 2	8 23	7 56	6 76	6 40	4 52	MEAN
MAX	4 46	3 38	3 31	11 7	42 6	40 1	18 7	9 85	9 16	7 19	6 70	5 82	MAX
MIN	2 73	2 54	2 54	2 81	9 63	19 7	8 76	6 52	5 19	6 40	5 89	3 04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9 46
MAXIMUM DAILY, 42 6 ON MAY 28
MINIMUM DAILY, 2 548 ON FEB 6
MAXIMUM INSTANTANEOUS,
42 7 AT 05 14 CST ON MAY 29

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 10 15 N
LONG 106 12 10 W
DRAINAGE AREA, 8 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 730	JUL	32 600
FEB	7 540	AUG	22 000
MAR	7 770	SEP	19 600
APR	22 900	OCT	18 100
MAY	57 800	NOV	16 600
JUN	72 400	DEC	12 100

TOTAL DISCHARGE, 289 000 dam³

SNAKEBITE CREEK NEAR BEECHY - STATION NO 05HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.038	0.006	0	0	0	0	0	---	---	1
2	---	---	0 B	0.027	0.005	0	0	0	0	0	---	---	2
3	---	---	0 B	0.023	0.005	0	0	0	0	0	---	---	3
4	---	---	0 B	0.020	0.004	0	0	0	0	0	---	---	4
5	---	---	0 B	0.019	0.004	0	0	0	0	0	---	---	5
6	---	---	0 B	0.019	0.004	0	0	0	0	0	---	---	6
7	---	---	0 B	0.027	0.004	0	0	0	0	0	---	---	7
8	---	---	0 B	0.022	0.004	0	0	0	0	0	---	---	8
9	---	---	0 B	0.017	0.004	0	0	0	0	0	---	---	9
10	---	---	0 B	0.014	0.004	0	0	0	0	0	---	---	10
11	---	---	0 B	0.012	0.004	0	0	0	0	0	---	---	11
12	---	---	0 B	0.011	0.003	0	0	0	0	0	---	---	12
13	---	---	0 B	0.009	0.002	0	0	0	0	0	---	---	13
14	---	---	0 B	0.007	0.002	0	0	0	0	0	---	---	14
15	---	---	0 B	0.005	0.002	0	0	0	0	0	---	---	15
16	---	---	0 B	0.004	0.003	0	0	0	0	0	---	---	16
17	---	---	0 B	0.002	0.004	0	0	0	0	0	---	---	17
18	---	---	0 0028	0.001	0.002	0	0	0	0	0	---	---	18
19	---	---	0 0468	0.002	0.001	0	0	0	0	0	---	---	19
20	---	---	0 2548	0.008	0.001	0	0	0	0	0	---	---	20
21	---	---	1 31 B	0.008	0.001	0	0	0	0	0	---	---	21
22	---	---	1 11 B	0.008	0	0	0	0	0	0	---	---	22
23	---	---	0 8238	0.010	0	0	0	0	0	0	---	---	23
24	---	---	1 05 B	0.011	0	0	0	0	0	0	---	---	24
25	---	---	0 8108	0.011	0	0	0	0	0	0	---	---	25
26	---	---	0 747	0.010	0	0	0	0	0	0	---	---	26
27	---	---	0 416	0.008	0	0	0	0	0	0A	---	---	27
28	---	0 0018	0 289	0.009	0	0	0	0	0	0E	---	---	28
29	---	0 B	0 140	0.010	0	0	0	0	0	0E	---	---	29
30	---		0 083	0.008	0	0	0	0	0	0E	---	---	30
31	---		0 055		0		0	0		0A		---	31
TOTAL	---	---	6.937	0.381	0.069	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.224	0.013	0.002	0	0	0	0	0	---	---	MEAN
MAX	---	---	1.31	0.038	0.006	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.001	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.030
MAXIMUM DAILY, 1.318 ON MAR 21
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
1.978 AT 07 28 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 05 N
LONG 107 16 31 W
DRAINAGE AREA, 861 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	599	SEP	0
APR	34.9	OCT	0
MAY	5.96	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 638 dam³

SNIPE LAKE NEAR ESTON - STATION NO 05HC002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	1
2	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	2
3	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	3
4	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	4
5	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	5
6	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	6
7	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	7
8	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	8
9	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	9
10	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	10
11	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	11
12	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	12
13	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	13
14	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	14
15	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	15
16	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	16
17	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	17
18	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	18
19	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	19
20	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	20
21	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	21
22	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	22
23	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	23
24	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	24
25	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	25
26	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	26
27	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	27
28	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	28
29	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	29
30	---		DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	30
31	---		DRY		DRY		DRY	DRY		DRY		---	31
MEAN	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	MEAN
MAX	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	MAX
MIN	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, DRY ON MAR 1
MINIMUM DAILY, DRY ON MAR 1

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 13 08 N
LONG 108 51 10 W

SNIPE LAKE NORTH INFLOW - STATION NO. 05MC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 030	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 035	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 034	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 038	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 032	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 035	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 043	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0 032	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0 027	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0 026	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0 013	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0 004	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0 002	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0 002	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0 001	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0 006	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0 007	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0 002	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0 020	0	0	0	0	---	---	22
23	---	---	0 0918	0	0	0 017	0	0	0	0	---	---	23
24	---	---	0 3178	0	0	0 009	0	0	0	0	---	---	24
25	---	---	0 1928	0	0	0 002	0	0	0	0	---	---	25
26	---	---	0 1898	0	0	0	0	0	0	0	---	---	26
27	---	---	0 0718	0	0	0	0	0	0	0	---	---	27
28	---	---	0 0418	0	0	0	0	0	0	0	---	---	28
29	---	---	0 0488	0	0	0	0	0	0	0	---	---	29
30	---		0 044	0	0	0	0	0	0	0	---	---	30
31	---		0 030		0		0	0		0	---	---	31
TOTAL	---	---	1 823	0 354	0 015	0 048	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 033	0 012	0	0 002	0	0	0	0	---	---	MEAN
MAX	---	---	0 317	0 043	0 007	0 020	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 006
MAXIMUM DAILY, 0 3178 ON MAR 24
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0 4638 AT 07 36 CST ON MAR 24

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 18 N
LONG 108 51 46 W
DRAINAGE AREA, 44 0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	88 4	SEP	0
APR	30 6	OCT	0
MAY	1 30	NOV	---
JUN	4 15	DEC	---

TOTAL DISCHARGE, 124 dam³

SOURIS RIVER NEAR BECHARD - STATION NO. 05NB031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 574	0	0	0	0	0 015	0 011	---	---	1
2	---	---	0 B	0 431	0	0	0	4 80	0 013	0 010	---	---	2
3	---	---	0 B	0 367	0	0	0	7 03	0 010	0 009	---	---	3
4	---	---	0 B	0 583	0	0	0	5 15	0 007	0 008	---	---	4
5	---	---	0 B	0 396	0	0	0	3 82	0 006	0 007	---	---	5
6	---	---	0 B	0 170	0	0	0	2 89	0 004	0 005	---	---	6
7	---	---	0 B	0 133	0	0	0	2 31	0 005	0 005	---	---	7
8	---	---	0 B	0 101	0	0	0	1 89	0 005	0 004	---	---	8
9	---	---	0 B	0 073	0	0	0	1 68	0 005	0 004	---	---	9
10	---	---	0 B	0 058	0	0	0	1 42	0 006	0 003	---	---	10
11	---	---	0 B	0 050	0	0	0	1 18	0 007	0 003	---	---	11
12	---	---	0 B	0 054	0	0	0	0 981	0 010	0 002	---	---	12
13	---	---	0 B	0 044	0	0	0	0 798	0 009	0 001	---	---	13
14	---	---	0 B	0 032	0	0	0	0 652	0 010	0 001	---	---	14
15	---	---	0 B	0 021	0	0	0	0 486	0 009	0 001	---	---	15
16	---	---	0 B	0 017	0	0 007	0	0 339	0 010	0 005	---	---	16
17	---	---	0 B	0 015	0	1 16	0	0 253	0 010	0 002	---	---	17
18	---	---	0 B	0 013	0	0 380	0	0 193	0 010	0 001	---	---	18
19	---	---	0 B	0 010	0	0 104	0	0 161	0 009	0 002	---	---	19
20	---	---	0 B	0 005	0	0 032	0	0 129	0 008	0 002	---	---	20
21	---	---	0 B	0 002	0	0 241	0	0 105	0 009	0 003	---	---	21
22	---	---	0 B	0 001	0	0 328	0	0 081	0 015	0 003	---	---	22
23	---	---	0 B	0 001	0	0 172	0	0 065	0 014	0 002	---	---	23
24	---	---	0 B	0 001	0	0 049	0	0 057	0 012	0 002	---	---	24
25	---	---	0 0028	0 001	0	0 014	0	0 050	0 014	0 001	---	---	25
26	---	---	0 0368	0 001	0	0 008	0	0 039	0 015	0 0018	---	---	26
27	---	---	0 197	0 001A	0	0 004	0	0 030	0 015	0 0038	---	---	27
28	---	---	0 287	0	0	0 002	0	0 027	0 014	0 0038	---	---	28
29	---	---	0 362	0	0	0	0	0 024	0 013	0 0038	---	---	29
30	---		0 416	0	0	0	0	0 022	0 012	0 0038	---	---	30
31	---		0 456		0		0	0 019		0 0038		---	31
TOTAL	---	---	1 758	3 176	0	2 499	0	36 681	0 301	0 113	---	---	TOTAL
MEAN	---	---	0 057	0 106	0	0 083	0	1 14	0 010	0 004	---	---	MEAN
MAX	---	---	0 456	0 884	0	1 16	0	7 03	0 015	0 011	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0 004	0 001	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 182
MAXIMUM DAILY, 7 03 ON AUG 3
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
8 34 AT 20 44 CST ON AUG 2

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 20 N
LONG 104 11 24 W
DRAINAGE AREA, 1 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	3 170
MAR	152	SEP	26 0
APR	274	OCT	9 76
MAY	6	NOV	---
JUN	216	DEC	---

TOTAL DISCHARGE, 3 850 dam³

SOURIS RIVER NEAR GLEN EWEN - STATION NO 05ND001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.076B	0.079B	0.390B	2.26 B	0.674	0.082	0.020	0.002	0	0	0.021B	0.023B	1
2	0.073B	0.080B	0.334B	2.10 B	0.633	0.073	0.021	0.001	0	0	0.021B	0.022B	2
3	0.070B	0.061B	0.317B	1.76 B	0.583	0.067	0.021	0	0	0	0.022B	0.023B	3
4	0.070B	0.046B	0.291B	1.58	0.551	0.061	0.024	0	0	0	0.022B	0.022B	4
5	0.070B	0.083B	0.273B	1.55	0.559	0.055	0.029	0	0	0	0.022B	0.022B	5
6	0.070B	0.088B	0.269B	1.42	0.573	0.053	0.031	0	0	0	0.021B	0.021B	6
7	0.071B	0.084B	0.281B	0.980	0.583	0.039	0.030	0	0	0	0.022B	0.022B	7
8	0.071B	0.053B	0.273B	1.03	0.567	0.031	0.022	0	0	0	0.022B	0.022B	8
9	0.072B	0.047B	0.268B	0.982	0.786	0.027	0.019	0	0	0	0.021B	0.024B	9
10	0.091B	0.044B	0.259B	0.959	0.834	0.027	0.018	0	0	0	0.021B	0.024B	10
11	0.088B	0.041B	0.254B	0.930	0.731	0.025	0.018	0	0	0	0.021B	0.024B	11
12	0.084B	0.042B	0.238B	0.894	0.644	0.029	0.019	0	0	0	0.020B	0.024B	12
13	0.079B	0.046B	0.222B	1.08	0.612	0.026	0.019	0	0	0	0.020B	0.024B	13
14	0.072B	0.055B	0.226B	1.06	0.517	0.034	0.017	0	0	0	0.021B	0.022B	14
15	0.074B	0.062B	0.237B	0.960	0.481	0.034	0.016	0	0	0.002B	0.021B	0.022B	15
16	0.073B	0.073B	0.247B	0.866	0.438	0.030	0.016	0	0	0.030B	0.020B	0.021B	16
17	0.081B	0.104B	0.240B	0.787	0.384	0.026	0.017	0	0	0.036B	0.019B	0.021B	17
18	0.095B	0.126B	0.235B	0.731	0.328	0.026	0.016	0	0	0.039B	0.019B	0.021B	18
19	0.101B	0.137B	0.229B	0.687	0.286	0.025	0.016	0	0	0.034B	0.019B	0.020B	19
20	0.105B	0.184B	0.266B	0.648	0.249	0.023	0.020	0	0	0.041B	0.020B	0.020B	20
21	0.089B	0.515B	0.483B	0.615	0.239	0.025	0.017	0	0	0.036B	0.020B	0.021B	21
22	0.077B	0.788B	4.40 B	0.607	0.230	0.031	0.015	0	0	0.036B	0.021B	0.020B	22
23	0.064B	1.11 B	5.57 B	0.592	0.208	0.025	0.013	0	0	0.029B	0.021B	0.018B	23
24	0.056B	1.45 B	7.36 B	0.576	0.185	0.026	0.011	0	0	0.023B	0.021B	0.016B	24
25	0.053B	1.32 B	7.05 B	0.571	0.167	0.026	0.010	0	0	0.023B	0.021B	0.015B	25
26	0.054B	1.10 B	7.03 B	0.549	0.173	0.026	0.009	0	0	0.022B	0.024B	0.013B	26
27	0.056B	0.855B	6.00 B	0.569	0.127	0.023	0.004	0	0	0.022B	0.025B	0.013B	27
28	0.060B	0.675B	7.13 B	0.620	0.108	0.023	0.001	0	0	0.023B	0.025B	0.012B	28
29	0.060B	0.496B	4.80 B	0.627	0.104	0.023	0	0	0	0.022B	0.024B	0.012B	29
30	0.064B		2.81 B	0.701	0.095	0.022	0	0	0	0.021B	0.024B	0.012B	30
31	0.074B		2.52 B		0.088		0.001	0		0.021B		0.011B	31
TOTAL	2.297	9.838	60.544	29.421	12.717	1.045	0.490	0.003	0	0.460	0.641	0.807	TOTAL
MEAN	0.074	0.339	1.95	0.981	0.410	0.035	0.016	0	0	0.015	0.021	0.020	MEAN
MAX	0.105	1.45	7.36	2.26	0.834	0.082	0.031	0.002	0	0.041	0.025	0.024	MAX
MIN	0.053	0.041	0.222	0.549	0.088	0.022	0	0	0	0	0.019	0.011	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.323
MAXIMUM DAILY, 7.36B ON MAR 24
MINIMUM DAILY, 0 ON JUL 29
MAXIMUM INSTANTANEOUS,
7.91B AT 09:20 CST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 11 02 N
LONG 102 01 42 W
DRAINAGE AREA, 22 100 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	198	JUL	42.3
FEB	850	AUG	0.26
MAR	5 230	SEP	0
APR	2 540	OCT	39.7
MAY	1 100	NOV	55.4
JUN	90.3	DEC	52.4

TOTAL DISCHARGE, 10 200 dam³

SOURIS RIVER NEAR HALBRITE - STATION NO 05NB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.015B	0.044B	0.247	0.002	0	0	0	0	---	---	1
2	---	---	0.014B	0.038B	0.186	0.001	0	0	0	0	---	---	2
3	---	---	0.013B	0.033B	0.140	0.001	0	0	0	0	---	---	3
4	---	---	0.013B	0.022B	0.115	0	0	0	0	0	---	---	4
5	---	---	0.014B	0.005	0.094	0	0	0	0	0	---	---	5
6	---	---	0.016B	0.003	0.079	0	0	0	0	0	---	---	6
7	---	---	0.018B	0.003	0.066	0	0	0	0	0	---	---	7
8	---	---	0.019B	0.003	0.057	0	0	0	0	0	---	---	8
9	---	---	0.022B	0.003	0.051	0	0	0	0	0	---	---	9
10	---	---	0.022B	0.004	0.047	0	0	0	0	0	---	---	10
11	---	---	0.024B	0.004	0.040	0	0	0	0	0	---	---	11
12	---	---	0.026B	0.005	0.034	0	0	0	0	0	---	---	12
13	---	---	0.027B	0.005	0.030	0	0	0	0	0	---	---	13
14	---	---	0.028B	0.006	0.026	0.001	0	0	0	0	---	---	14
15	---	---	0.030B	0.006	0.024	0.001	0	0	0	0	---	---	15
16	---	---	0.032B	0.006	0.024	0.001	0	0	0	0	---	---	16
17	---	---	0.031B	0.005	0.033	0	0	0	0	0	---	---	17
18	---	---	0.032B	0.005	0.027	0	0	0	0	0	---	---	18
19	---	---	0.033B	0.005	0.022	0	0	0	0	0	---	---	19
20	---	---	0.034B	0.044	0.021	0	0	0	0	0	---	---	20
21	---	---	0.036B	0.428	0.022	0.001	0	0	0	0	---	---	21
22	---	---	0.041B	0.470	0.021	0.003	0	0	0	0	---	---	22
23	---	---	0.059B	0.441	0.020	0.003	0	0	0	0	---	---	23
24	---	---	0.082B	0.405	0.018	0.002	0	0	0	0	---	---	24
25	---	---	0.075B	0.372	0.016	0.001	0	0	0	0	---	---	25
26	---	---	0.07 .	0.400	0.013	0.001	0	0	0	0	---	---	26
27	---	---	0.090B	0.519	0.011	0	0	0	0	0	---	---	27
28	---	0.016B	0.080B	0.377	0.010	0	0	0	0	0	---	---	28
29	---	0.015B	0.068B	0.230	0.008	0	0	0	0	0	---	---	29
30	---		0.059B	0.314	0.004	0	0	0	0	0	---	---	30
31	---		0.052B		0.003		0	0		0		---	31
TOTAL	---	---	1.176	4.205	1.507	0.018	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.038	0.140	0.049	0.001	0	0	0	0	---	---	MEAN
MAX	---	---	0.090	0.519	0.247	0.003	0	0	0	0	---	---	MAX
MIN	---	---	0.013	0.003	0.003	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.519 ON APR 27
MINIMUM DAILY, 0 ON JUN 4
MAXIMUM INSTANTANEOUS,
0.536 AT 08:46 CST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 29 37 N
LONG 103 38 44 W
DRAINAGE AREA, 3 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	103	SEP	0
APR	363	OCT	0
MAY	130	NOV	---
JUN	1.56	DEC	---

TOTAL DISCHARGE, 597 dam³

SOURIS RIVER NEAR LEWVAN - STATION NO 05NB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.320E	0E	0E	0E	21.7	0.013	0.010A	---	---	1
2	---	---	0 B	0.249A	0E	0E	0E	7.19	0.013	0.010E	---	---	2
3	---	---	0 B	0.196	0E	0E	0E	2.83	0.012	0.010E	---	---	3
4	---	---	0 B	0.156	0E	0E	0E	1.99	0.011	0.009E	---	---	4
5	---	---	0 B	0.129	0E	0E	0E	1.58	0.010A	0.009E	---	---	5
6	---	---	0 B	0.082	0E	0E	0E	1.40	0.010E	0.008E	---	---	6
7	---	---	0 B	0.063	0E	0E	0E	1.38	0.010E	0.008E	---	---	7
8	---	---	0 B	0.052	0E	0E	0E	1.28	0.010E	0.008E	---	---	8
9	---	---	0 B	0.038E	0E	0E	0E	0.906	0.010E	0.008E	---	---	9
10	---	---	0 B	0.030A	0E	0E	0E	0.849	0.010E	0.007E	---	---	10
11	---	---	0 B	0.020E	0E	0E	0E	0.474	0.010E	0.007E	---	---	11
12	---	---	0 B	0.015E	0E	0E	0E	0.382	0.010E	0.007E	---	---	12
13	---	---	0 B	0.010E	0E	0E	0E	0.312	0.010E	0.006E	---	---	13
14	---	---	0 B	0.008E	0E	0E	0E	0.258	0.010E	0.008E	---	---	14
15	---	---	0 B	0.006E	0E	0E	0E	0.215	0.010E	0.008E	---	---	15
16	---	---	0 B	0.004E	0E	0E	0E	0.177	0.010E	0.005E	---	---	16
17	---	---	0 B	0.002E	0E	0E	0E	0.140	0.010E	0.005E	---	---	17
18	---	---	0 B	0.001E	0E	0E	0E	0.111	0.010E	0.005E	---	---	18
19	---	---	0 B	0.001E	0E	0E	0E	0.092	0.010E	0.004E	---	---	19
20	---	---	0 B	0 E	0E	0E	0E	0.078	0.010E	0.004E	---	---	20
21	---	---	0 B	0 E	0E	0E	0E	0.065	0.010E	0.004E	---	---	21
22	---	---	0 B	0 E	0E	0E	0E	0.059	0.010E	0.003E	---	---	22
23	---	---	0 B	0 E	0E	0E	0E	0.051	0.010E	0.003E	---	---	23
24	---	---	0 B	0 E	0E	0E	0E	0.048	0.010E	0.003E	---	---	24
25	---	---	0.050B	0 E	0E	0E	0E	0.041	0.010E	0.003E	---	---	25
26	---	---	0.500B	0 E	0E	0E	0E	0.035	0.010E	0.002B	---	---	26
27	---	---	0.550B	0 E	0E	0E	0E	0.028	0.010E	0.002B	---	---	27
28	---	---	0.600B	0 E	0E	0E	0E	0.020	0.010E	0.002B	---	---	28
29	---	---	0.700B	0 E	0E	0E	0E	0.015	0.010E	0.002B	---	---	29
30	---		0.555E	0 E	0E	0E	0E	0.014	0.010E	0.002B	---	---	30
31	---		0.422E		0E		0E	0.014		0.002B		---	31
TOTAL	---	---	3.377	1.384	0	0	0	43.538	0.309	0.171	---	---	TOTAL
MEAN	---	---	0.109	0.046	0	0	0	1.40	0.010	0.006	---	---	MEAN
MAX	---	---	0.700	0.320	0	0	0	21.7	0.013	0.010	---	---	MAX
MIN	---	---	0	0	0	0	0	0.014	0.010	0.002	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.199
MAXIMUM DAILY, 21.7 ON AUG 1
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
27.9 AT 09:58 CST ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 58 37 N
LONG 104 04 33 W
DRAINAGE AREA, 590 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	3 760
MAR	292	SEP	26.7
APR	120	OCT	14.8
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4 210 dam³

SOURIS RIVER NEAR MCTAGGART - STATION NO 05NB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.533	0E	0 E	0.033E	0.113	0.027E	0 E	---	---	1
2	---	---	0 B	0.391	0E	0 E	0.025E	0.989	0.022E	0.001E	---	---	2
3	---	---	0 B	0.332	0E	0 E	0.021E	1.01	0.018E	0.002A	---	---	3
4	---	---	0 B	0.241	0E	0 E	0.018E	2.48	0.015E	0.002E	---	---	4
5	---	---	0 B	0.227	0E	0 E	0.016E	4.19	0.012E	0.007E	---	---	5
6	---	---	0 B	0.434	0E	0 E	0.014E	4.12	0.010E	0.029E	---	---	6
7	---	---	0 B	0.337	0E	0 E	0.012E	3.77	0.008E	0.038E	---	---	7
8	---	---	0 B	0.226	0E	0 E	0.010E	3.07	0.007E	0.013E	---	---	8
9	---	---	0 B	0.172	0E	0 E	0.008E	2.46	0.006E	0 E	---	---	9
10	---	---	0 B	0.115	0E	0 E	0.007E	2.24	0.005E	0 E	---	---	10
11	---	---	0 B	0.088	0E	0 E	0.006E	1.89	0.004E	0 E	---	---	11
12	---	---	0 B	0.083A	0E	0 E	0.005E	1.50	0.003E	0 E	---	---	12
13	---	---	0 B	0.079E	0E	0 E	0.004E	1.20	0.003E	0.001E	---	---	13
14	---	---	0 B	0.058E	0E	0 E	0.003E	0.900	0.002E	0.003E	---	---	14
15	---	---	0 B	0.038E	0E	0 E	0.002E	0.890	0.002E	0 E	---	---	15
16	---	---	0 B	0.019E	0E	0 E	0.002E	0.510	0.001E	0.020E	---	---	16
17	---	---	0 B	0.014E	0E	0 E	0.001E	0.358	0.001E	0.025E	---	---	17
18	---	---	0 B	0.011E	0E	0 E	0.001E	0.254	0 E	0 E	---	---	18
19	---	---	0 B	0.009E	0E	0 E	0.001E	0.180	0 E	0 E	---	---	19
20	---	---	0 B	0.008E	0E	0 E	0 E	0.121	0 E	0 E	---	---	20
21	---	---	0.050E	0.001E	0E	0 E	0 E	0.077	0 E	0 E	---	---	21
22	---	---	0.200B	0.008E	0E	0.005E	0 E	0.061	0 E	0 E	---	---	22
23	---	---	0.679B	0.005E	0E	0.058	0 E	0.057	0.013E	0.005E	---	---	23
24	---	---	0.639B	0.004E	0E	0.104	0 E	0.048E	0 E	0.017E	---	---	24
25	---	---	0.421B	0.003E	0E	0.187	0 E	0.059E	0.003E	0.080E	---	---	25
26	---	---	0.247B	0.002E	0E	0.145	0 E	0.038E	0.003E	0.035E	---	---	26
27	---	---	0.218B	0.001E	0E	0.116	0 E	0.032E	0.003E	0.083B	---	---	27
28	---	---	1.69 B	0 E	0E	0.079	0 E	0.026E	0.005E	0.016B	---	---	28
29	---	---	1.51 B	0 E	0E	0.064	0 E	0.019E	0.007E	0.005B	---	---	29
30	---		1.01	0 E	0E	0.050A	0 E	0.042E	0.006E	0 B	---	---	30
31	---		0.749		0E		0.051	0.035E		0 B		---	31
TOTAL	---	---	9.313	3.447	0	0.808	0.240	32.539	0.186	0.340	---	---	TOTAL
MEAN	---	---	0.236	0.115	0	0.027	0.008	1.05	0.006	0.011	---	---	MEAN
MAX	---	---	1.69	0.533	0	0.187	0.051	4.19	0.027	0.083	---	---	MAX
MIN	---	---	0	0	0	0	0	0.019	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.163
MAXIMUM DAILY, 4.19 ON AUG 5
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4.31 AT 17:37 CST ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 10 N
LONG 104 00 56 W
DRAINAGE AREA, 2 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	20.7
FEB	---	AUG	2 810
MAR	633	SEP	15.1
APR	298	OCT	29.4
MAY	0	NOV	---
JUN	69.8	DEC	---

TOTAL DISCHARGE, 3 880 dam³

SOURIS RIVER NEAR ROCHE PERCEE - STATION NO. 05NB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0808	0.554B	0.070	0.004	0	0	0	0	0.005B	---	1
2	---	---	0.071B	0.478B	0.070	0.003	0	0	0	0	---	---	2
3	---	---	0.078B	0.305B	0.088	0.004	0	0	0	0	---	---	3
4	---	---	0.077B	0.200B	0.782	0.004	0	0	0	0	---	---	4
5	---	---	0.070B	0.180	0.878	0.004	0	0	0	0	---	---	5
6	---	---	0.063B	0.25%	0.7??	0.???	0	0	0	0	---	---	6
7	---	---	0.059B	0.281	0.627	0.003	0	0	0	0	---	---	7
8	---	---	0.063B	0.204	0.536	0.003	0	0	0	0	---	---	8
9	---	---	0.060B	0.168	0.453	0.005	0	0	0	0	---	---	9
10	---	---	0.059B	0.141	0.391	0.006	0	0	0	0	---	---	10
11	---	---	0.047B	0.132	0.314	0.005	0	0	0	0	---	---	11
12	---	---	0.038B	0.133	0.230	0.007	0	0	0	0	---	---	12
13	---	---	0.036B	0.150	0.177	0.007	0	0	0	0	---	---	13
14	---	---	0.035B	0.152	0.129	0.008	0	0	0	0	---	---	14
15	---	---	0.032B	0.148	0.100	0.005	0	0	0	0	---	---	15
16	---	---	0.032B	0.143	0.081	0.005	0	0	0	0	---	---	16
17	---	---	0.031B	0.133	0.082	0.007	0	0	0	0	---	---	17
18	---	---	0.030B	0.126	0.081	0.002	0	0	0	0	---	---	18
19	---	---	0.171B	0.145	0.086	0	0	0	0	0	---	---	19
20	---	---	0.544B	0.177	0.050	0	0	0	0	0.003	---	---	20
21	---	---	0.917B	0.173	0.039	0	0	0	0	0.003	---	---	21
22	---	---	0.867B	0.091	0.034	0.007	0	0	0	0.003	---	---	22
23	---	---	0.419B	0.077	0.029	0.008	0	0	0	0.004	---	---	23
24	---	---	0.511B	0.065	0.026	0.003	0	0	0	0.004	---	---	24
25	---	---	1.38 B	0.059	0.024	0.001	0	0	0	0.004	---	---	25
26	---	---	0.816B	0.065	0.022	0	0	0	0	0.005	---	---	26
27	---	---	1.03 B	0.072	0.017	0	0	0	0	0.006B	---	---	27
28	---	0.127B	1.62 B	0.087	0.008	0	0	0	0	0.005B	---	---	28
29	---	0.093B	1.11 B	0.081	0.008	0	0	0	0	0.004B	---	---	29
30	---		0.655B	0.077	0.006	0	0	0	0	0.005B	---	---	30
31	---		0.594B		0.005		0			0.005B		---	31
TOTAL	---	---	11 799	5 021	5 167	0.105	0	0	0	0.051	---	---	TOTAL
MEAN	---	---	0.381	0.167	0.199	0.004	0	0	0	0.002	---	---	MEAN
MAX	---	---	1.82	0.554	0.878	0.008	0	0	0	0.006	---	---	MAX
MIN	---	---	0.030	0.059	0.005	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.094
MAXIMUM DAILY, 1.82B ON MAR 28
MINIMUM DAILY, 0 ON JUN 19
MAXIMUM INSTANTANEOUS,
1.94B AT 18:58 CST ON MAR 28

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 34 N
LONG 102 45 53 W
DRAINAGE AREA, 12 700 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	1 020	SEP	0
APR	434	OCT	4 41
MAY	533	NOV	---
JUN	9 07	DEC	---

TOTAL DISCHARGE, 2 000 dam³

SOURIS RIVER NEAR SHERWOOD - STATION NO. 05ND007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.091B	0.091B	0.623B	3.17 B	0.623	0.116	0.034	0.023E	0.001E	0.008E	0.031E	0.016B	1
2	0.093B	0.091B	0.510B	2.94 B	0.708	0.122	0.034	0.024E	0.001E	0.008E	0.031E	0.015B	2
3	0.096B	0.091B	0.396B	3.35 B	0.660	0.119	0.034	0.008	0.001E	0.008E	0.026E	0.017B	3
4	0.095B	0.088B	0.340B	3.15	0.623	0.110	0.031	0.003	0.001E	0.008E	0.027E	0.017B	4
5	0.098B	0.082B	0.311B	1.90	0.623	0.116	0.031	0.007	0.001E	0.008E	0.026E	0.017B	5
6	0.102B	0.085B	0.311B	1.59	0.595	0.127	0.031	0.010	0.001E	0.008E	0.024E	0.016B	6
7	0.108B	0.086B	0.311B	1.47	0.595	0.136	0.028	0.010	0.006E	0.008E	0.023E	0.016B	7
8	0.108B	0.093B	0.283B	1.36	0.595	0.142	0.037	0.008	0.008E	0.008E	0.021E	0.017B	8
9	0.110B	0.095B	0.266B	1.38	0.595	0.130	0.037	0.007	0.011E	0.008E	0.020E	0.017B	9
10	0.130B	0.102B	0.244B	1.42	0.736	0.122	0.034	0.007	0.011E	0.008E	0.018E	0.016B	10
11	0.142B	0.108B	0.221B	1.33	0.680	0.116	0.037	0.007	0.011E	0.008E	0.017E	0.018B	11
12	0.136B	0.113B	0.210B	1.39	0.595	0.102	0.034	0.007	0.014E	0.008E	0.018E	0.016B	12
13	0.119B	0.119B	0.212B	1.42	0.510	0.096	0.031	0.007	0.017E	0.010E	0.014E	0.017B	13
14	0.116B	0.144B	0.210B	1.39	0.481	0.091	0.025	0.007	0.017E	0.017E	0.014E	0.016B	14
15	0.108B	0.150B	0.190B	1.36	0.425	0.079	0.022	0.006	0.014E	0.022E	0.014B	0.016B	15
16	0.110B	0.173B	0.215B	1.22	0.368	0.062	0.020	0.005	0.014E	0.037E	0.014B	0.016B	16
17	0.099B	0.156B	0.229B	1.10	0.425	0.057	0.018	0.005	0.011E	0.045E	0.014B	0.017B	17
18	0.091B	0.127B	0.221B	0.991	0.396	0.051	0.016	0.004	0.011E	0.042E	0.015B	0.017B	18
19	0.085B	0.113B	0.229B	0.878	0.396	0.048	0.015	0.005	0.011E	0.040E	0.015B	0.017B	19
20	0.082B	0.127B	0.595B	0.793	0.340	0.045	0.014	0.004	0.008E	0.040E	0.016B	0.017B	20
21	0.082B	0.176B	2.61 B	0.708	0.311	0.045	0.012	0.003	0.008E	0.042E	0.016B	0.017B	21
22	0.082B	0.246B	1.70 B	0.680	0.283	0.042	0.010	0.003E	0.008E	0.045E	0.014B	0.016B	22
23	0.091B	0.283B	2.63 B	0.595	0.241	0.042	0.009	0.003E	0.010E	0.045E	0.013B	0.015B	23
24	0.093B	0.396B	7.93 B	0.566	0.226	0.042	0.010	0.002E	0.010E	0.042E	0.013B	0.014B	24
25	0.091B	0.708B	7.65 B	0.538	0.226	0.042	0.012	0.001E	0.008E	0.042E	0.013B	0.013B	25
26	0.088B	0.991B	8.78 B	0.510	0.210	0.042	0.013	0.001E	0.008E	0.040E	0.018B	0.012B	26
27	0.088B	0.991B	8.35 B	0.538	0.187	0.037	0.013	0.001E	0.008E	0.037E	0.018B	0.012B	27
28	0.088B	0.850B	7.42 B	0.510	0.184	0.037	0.015	0.001E	0.008E	0.037E	0.018B	0.010B	28
29	0.088B	0.708B	8.01 B	0.566	0.170	0.037	0.018	0.001E	0.008E	0.037E	0.018B	0.011B	29
30	0.088B		5.92 B	0.595	0.147	0.037	0.022	0.001E	0.008E	0.034E	0.018B	0.012B	30
31	0.088B		3.65 B		0.126		0.057	0.001E		0.034E		0.011B	31
TOTAL	3.088	7 586	70 777	37 418	13 300	2.390	0.755	0.187	0.254	0.784	0.547	0.479	TOTAL
MEAN	0.100	0.252	2.28	1.25	0.429	0.080	0.024	0.006	0.008	0.025	0.018	0.015	MEAN
MAX	0.142	0.991	8.78	3.17	0.736	0.142	0.057	0.028	0.017	0.045	0.031	0.018	MAX
MIN	0.082	0.082	0.190	0.510	0.126	0.037	0.009	0.001	0.001E	0.008	0.013	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.376
MAXIMUM DAILY, 8.78B ON MAR 26
MINIMUM DAILY, 0.001E ON AUG 26
MAXIMUM INSTANTANEOUS,
9.08B AT 01:00 CST ON MAR 29

SUMMARY FOR THE YEAR 1984

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 59 34 N
LONG 101 57 38 W
DRAINAGE AREA, 22 400 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	287	JUL	65.3
FEB	685	AUG	18.2
MAR	6 120	SEP	21.9
APR	3 230	OCT	67.7
MAY	1 190	NOV	47.3
JUN	208	DEC	41.4

TOTAL DISCHARGE, 11 900 dam³

SOUTH SASKATCHEWAN RIVER AT SASKATOON - STATION NO. 05HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2208	1258	99.0B	99.7B	45.8	52.8	52.9	54.2	51.1	51.3	43.2	85.0B	1
2	2188	1158	97.7B	104 B	57.0	50.1	44.1	51.8	53.6	45.3	79.5	85.0B	2
3	2178	1208	95.3B	108 B	49.3	51.3	45.8	52.8A	52.8	49.5	134	85.0B	3
4	2158	1178	87.9B	115 B	52.0	52.2	48.6	57.1	48.2	49.4	183	85.0B	4
5	2148	1158	82.0B	128 B	56.3	52.1	51.0	60.4A	53.0	49.7	192	85.0B	5
6	2118	1228	79.0B	128	59.3	55.2	50.0	61.8	51.2	50.7	201 B	88.0B	6
7	2088	1158	77.0B	118	54.8	57.8	53.7	53.7A	52.2	50.7	192 B	85.0B	7
8	2058	1248	78.0B	105	52.1	60.4	46.4	58.0A	54.1	48.3	205 B	85.0B	8
9	2028	1158	78.0B	99.1	57.4	57.5	48.6	57.5	51.5	49.0	172 B	93.0B	9
10	2028	1358	79.0B	100	60.6	56.1	50.3	53.6	54.2	48.5	138 B	85.0B	10
11	2048	1208	82.0B	97.1	52.2	52.4	51.7	49.4	54.8	49.8	133 B	85.0B	11
12	2228	1208	86.4B	97.6	51.7	49.5	52.4	50.4	57.8	50.4	134 B	85.0B	12
13	2148	1178	90.2B	95.0	52.1	55.9	51.8	49.8	55.9	48.9	134 B	85.0B	13
14	2208	1128	104 B	81.1	43.7	53.8	54.8	48.8	55.0	46.6	134 B	96.0B	14
15	2508	1118	132 B	70.3	45.8	48.9	57.0	49.7	54.9	45.9	93.0B	112 B	15
16	2258	1088	125 B	65.4	53.0	56.3	51.2	48.2	48.5	48.5	74.0B	130 B	16
17	2158	1088	135 B	60.5	49.2	53.6	50.9	50.6	52.0	54.2	70.0B	120 B	17
18	2208	1058	132 B	62.9	47.8	56.9	48.0	50.1	47.4	55.6	76.0B	105 B	18
19	2008	1048	130 B	61.8	47.5	51.4	49.9	47.6	53.4	54.6	84.0B	109 B	19
20	2308	1048	120 B	59.9	51.2A	59.7	48.8	48.5	49.8	52.4	77.0B	112 B	20
21	2158	1048	103 B	56.6	47.8	57.1	52.0A	46.6	52.2	50.2	74.0B	134 B	21
22	1858	1038	98.0B	55.2	45.3	56.4	50.2A	49.6	57.6	50.5	74.0B	111 B	22
23	1708	1038	90.2B	54.1	49.8	61.2	52.7	52.1	55.2A	47.1	74.0B	120 B	23
24	1808	1028	87.2B	53.2	49.9	54.9	47.0	49.4	57.8A	50.8	84.0B	129 B	24
25	1688	1028	86.0B	52.4	52.4	54.8	53.6	49.8	55.2	52.3	91.0B	132 B	25
26	1708	1028	86.0B	52.7	50.2	53.8	51.7	49.9	54.8	47.8	85.0B	135 B	26
27	1758	1188	86.0B	52.3	51.2	51.3	50.9	52.2	54.5	53.7	85.0B	113 B	27
28	1708	1038	86.0B	51.4	52.3	56.1	47.1A	48.0	50.1	36.0	85.0B	88.0B	28
29	1658	1038	86.0B	50.5	49.2	52.4	47.8	50.1	51.7	31.8	85.0B	93.0B	29
30	1708		86.0B	54.5	53.6	56.5	50.8A	50.1	52.0	30.7	85.0B	117 B	30
31	1708		86.0B		48.4		55.0	48.0		37.2		135 B	31
TOTAL	6 228	3 250	2 957.9	2 405.2	1 598.7	1 648.2	1 566.7	1 595.6	1 602.3	1 483.8	3 378.7	3 213.0	TOTAL
MEAN	201	112	95.4	80.2	51.5	54.9	50.5	51.5	53.4	47.9	113	104	MEAN
MAX	250	135	135	128	59.3	56.1	57.0	61.8	65.2	55.6	205	135	MAX
MIN	160	102	77.0	52.3	43.7	48.8	44.1	48.6	47.4	30.7	43.2	85.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.6
MAXIMUM DAILY, 2508 ON JAN 15
MINIMUM DAILY, 30.7 ON OCT 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 24 N
LONG 106 38 40 W
DRAINAGE AREA, 141 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	538 000	JUL	135 000
FEB	281 000	AUG	138 000
MAR	255 000	SEP	138 000
APR	208 000	OCT	128 000
MAY	138 000	NOV	282 000
JUN	142 000	DEC	276 000

TOTAL DISCHARGE, 2 870 000 dam³

SOUTH SASKATCHEWAN RIVER AT ST. LOUIS - STATION NO. 05HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2228	140 B	97.8B	102 B	60.7	52.9	49.2	48.3	50.8	51.9	41.8B	60.8B	1
2	1948	149 B	79.0B	106 B	57.3	48.7	47.8	54.3	49.5	51.8	36.9B	74.2B	2
3	2118	103 B	59.0B	110 B	49.3	51.6	49.8	56.2	53.1	51.7	46.4B	72.0B	3
4	1868	92.5B	68.8B	114 B	61.2	48.9	46.8	54.9	53.9	47.9	114 B	73.6B	4
5	2068	95.4B	74.2B	116 B	53.5	49.3	43.4	54.6	54.3	49.5	150 B	73.8B	5
6	2148	97.6B	68.2B	122 B	56.9	50.8	46.1	56.7	50.6	50.5	129 B	69.4B	6
7	2038	98.8B	69.0B	115 B	62.2	50.3	50.4	60.7	54.0	49.7	117 B	70.9B	7
8	2128	108 B	65.3B	113 B	74.4	54.9	51.0	54.1	57.6	50.9	106 B	76.1B	8
9	2038	112 B	65.6B	96.3B	59.7	53.5	49.8	57.3	55.1	51.3	101 B	69.0B	9
10	1878	113 B	62.3B	92.3B	58.4	55.3	48.5	55.8	55.6	47.7	108 B	81.7B	10
11	1798	101 B	46.1B	82.3B	61.3	59.9	42.1	59.6	53.9	49.0	127 B	93.0B	11
12	1718	108 B	72.8B	75.0B	65.5	56.5	44.8	58.0	54.9	48.2	142 B	80.5B	12
13	1688	103 B	73.2B	65.2B	55.6	53.0	47.3	52.9	58.5	49.6	167 B	72.4B	13
14	1638	90.2B	67.4B	59.5B	55.4	49.3	51.6	51.9	60.8	51.4	181 B	72.8B	14
15	1778	91.9B	70.5B	56.8B	59.1	51.5	51.9	50.4	57.1	50.1	192 B	61.8B	15
16	2218	100 B	93.8B	66.4B	46.4	50.6	50.5	47.7	56.5	51.2	145 B	89.9B	16
17	2018	102 B	116 B	71.1B	55.6	46.3	54.1	47.3	56.2	52.0	127 B	106 B	17
18	1808	90.5B	111 B	67.1	63.5	49.3	53.4	48.8	50.3	57.0	86.4B	112 B	18
19	1728	89.3B	113 B	58.5	55.9	50.9	49.3	50.7	52.5	58.7	70.8B	83.5B	19
20	1528	92.0B	124 B	60.9	54.0	52.9	48.0	49.2	49.4	57.0	89.9B	84.4B	20
21	1828	95.5B	130 B	58.0	54.3	51.8	46.8	47.4	57.7	56.8	96.4B	102 B	21
22	1968	91.5B	107 B	57.5	55.7	58.1	49.2	44.2	61.2	54.2	93.6B	117 B	22
23	1818	84.7B	95.2B	55.2	51.9	59.6	50.1	43.8	61.5	52.2	77.0B	106 B	23
24	1438	86.8B	95.1B	56.0	49.1	64.0	52.8	45.2	65.0	52.7	89.7B	103 B	24
25	1348	93.2B	98.6B	56.6	54.0	59.5	49.0	50.0	67.0	47.2	108 B	110 B	25
26	1408	89.8B	100 B	55.6	54.6	54.1	48.7	50.3	59.2	57.3B	106 B	112 B	26
27	1438	87.7B	99.1B	55.0	54.6	51.7	46.3	50.2	58.6	51.7B	103 B	122 B	27
28	1408	86.2B	103 B	54.7	51.6	50.8	50.8	48.7	55.4	63.4B	92.0B	107 B	28
29	1438	101 B	106 B	56.2	51.6	48.0	49.8	50.1	55.1	50.3B	81.0B	74.8B	29
30	1578		97.9B	65.1	51.6	47.6	47.0	49.1	50.9	52.4B	86.6B	89.8B	30
31	1528		103 B		48.0		44.6	48.7		39.7B		132 B	31
TOTAL	5 543	2 933.7	2 733.7	2 320.3	1 738.2	1 621.6	1 512.8	1 605.1	1 676.2	1 605.0	3 181.5	2 753.6	TOTAL
MEAN	179	101	88.2	77.3	56.1	54.1	48.8	51.8	55.8	51.8	105	88.8	MEAN
MAX	222	149	130	122	74.4	65.3	54.1	64.1	67.0	63.4	181	132	MAX
MIN	134	89.3	68.1	54.7	48.4	48.3	42.1	43.8	49.4	39.7	36.9	60.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 79.8
MAXIMUM DAILY, 2228 ON JAN 1
MINIMUM DAILY, 36.9B ON NOV 2
MAXIMUM INSTANTANEOUS,
2308 AT 20:03 CST ON JAN 15

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 55 25 N
LONG 105 48 20 W
DRAINAGE AREA, 148 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	479 000	JUL	131 000
FEB	253 000	AUG	139 000
MAR	236 000	SEP	145 000
APR	200 000	OCT	138 000
MAY	150 000	NOV	273 000
JUN	140 000	DEC	238 000

TOTAL DISCHARGE, 2 520 000 dam³

SOUTH SASKATCHEWAN RIVER BELOW GARDINER DAM - STATION NO. 05HF004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	1.084	0.933	0.934	0.782	0.771	0.765	0.764	0.747	0.778	1.348	---	1
2	---	1.121	0.901	0.957	0.817	0.790	0.792	0.790	0.681	0.748	1.297	---	2
3	---	1.107	0.930	0.951	0.847	0.746	0.782	0.809	0.805	0.782	1.297	---	3
4	1.523	1.228	0.913	0.970	0.910	0.763	0.714	0.805	0.750	0.778	1.406	1.029	4
5	1.542	1.184	0.917	0.927	0.785	0.751	0.751	0.762	0.749	0.782	1.408	1.109	5
6	1.481	1.135	0.871	0.937	0.786	0.801	0.685	0.807	0.777	0.702	1.400	1.267	6
7	1.455	1.092	0.893	0.938	0.866	0.785	0.770	0.805	0.697	0.786	1.335	1.113	7
8	1.447	1.081	0.987	0.984	0.876	0.759	0.734	0.787	0.777A	0.739	1.383	1.024	8
9	1.493	1.153	0.941	0.941	0.782	0.737	0.776	0.748	0.737	0.787	1.241	1.006A	9
10	1.506	---	0.933	0.951	0.822	0.747	0.772	0.786	0.792	0.784	1.153	1.056	10
11	1.516	---	0.941	0.981	0.803	0.814	0.713	0.780	0.742	0.758	1.237	1.310	11
12	1.480	---	1.005	0.899	0.742	0.777	0.788	0.743	0.724A	0.713	1.187	1.344	12
13	1.470	---	1.175	0.835	0.773	0.741	0.843	0.777	0.782	0.748	1.219	1.330	13
14	1.581	---	1.110	0.809	0.792	0.828	0.784	0.783	0.703	0.782	1.188	1.355	14
15	1.521	---	1.210	0.789	0.753	0.759	0.741	0.780	0.730A	0.808	---	1.394	15
16	1.590	---	1.189	0.833	0.771	0.808	0.782	0.780	0.699	0.808	---	1.391	16
17	1.584	---	1.186	0.825	0.807	0.789	0.743	0.718	0.811	0.778	---	1.358	17
18	1.747	---	1.034	0.827	0.812	0.786	0.747	0.760	0.729	0.755	---	1.382	18
19	1.892	---	1.008	0.823	0.749	0.747	0.774	0.738	0.745	0.738	---	1.326	19
20	1.588	---	0.987	0.823	0.769	0.800	0.734	0.780	0.747	0.768	---	1.330	20
21	1.437	---	0.971	0.817	0.820	0.764	0.771	0.807	0.804	0.715	---	1.349	21
22	1.348	---	0.980	0.822	0.771	0.741	0.715	0.788	0.711A	0.812	---	1.357	22
23	1.374	---	0.976	0.831	0.786	0.780	0.798	0.743	0.746A	0.736	---	1.386	23
24	1.354	---	1.000	0.827	0.764	0.769	0.776	0.755	0.772	0.673	---	1.625	24
25	1.318	---	1.004	0.845	0.780	0.788	0.771	0.790	0.783	0.782	---	1.367	25
26	1.408	---	0.981	0.887	0.786	0.802	0.751	0.725	0.731	0.770	---	1.534	26
27	1.405	---	0.987	0.829	0.785	0.781	0.771	0.787	0.788	0.753	---	1.648	27
28	1.286	---	0.925	0.830	0.781	0.777	0.770	0.754	0.776	0.737	---	1.784	28
29	1.300	0.941	0.982	0.788	0.743	0.751	0.740	0.771	0.758	0.852	---	1.807	29
30	1.218		0.967	0.885	0.777	0.721	0.760	0.743	0.692	1.034	---	1.453	30
31	1.084		0.939		0.752		0.736	0.789		1.152		1.825	31
MEAN	---	---	0.998	0.874	0.793	0.770	0.758	0.769	0.749	0.783	---	---	MEAN
MAX	---	---	1.210	0.970	0.910	0.828	0.843	0.809	0.811	1.152	---	---	MAX
MIN	---	---	0.901	0.788	0.742	0.721	0.698	0.718	0.681	0.673	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 1.784 ON DEC 28
MINIMUM DAILY, 0.673 ON OCT 24
MAXIMUM INSTANTANEOUS,
2.181 AT 23 12 CST ON DEC 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 495.824 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 30 N
LONG 105 57 19 W

A - MANUAL GAUGE

REGULATED SINCE 1964

DRAINAGE AREA,
136 000 km²

SPANGLER DITCH NEAR GOVENLOCK - STATION NO. 11AB060

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0.027A	0	0	0	0	0	---	---	9
10	---	---	0	0	0.912	0	0	0	0	0	---	---	10
11	---	---	0	0	1.08	0	0	0	0	0	---	---	11
12	---	---	0	0	0.983	0	0	0	0	0	---	---	12
13	---	---	0	0	0.885	0	0	0	0	0	---	---	13
14	---	---	0	0	0.860	0	0	0	0	0	---	---	14
15	---	---	0	0	0.811	0	0	0	0	0	---	---	15
16	---	---	0	0	0.778	0	0	0	0	0	---	---	16
17	---	---	0	0	0.706	0	0	0	0	0	---	---	17
18	---	---	0	0	0.610	0	0	0	0	0	---	---	18
19	---	---	0	0	0.493	0	0	0	0	0	---	---	19
20	---	---	0	0	0.402	0	0	0	0	0	---	---	20
21	---	---	0	0	0.341	0	0	0	0	0	---	---	21
22	---	---	0	0	0.352	0	0	0	0	0	---	---	22
23	---	---	0	0	0.285	0	0	0	0	0	---	---	23
24	---	---	0	0	0.122	0	0	0	0	0	---	---	24
25	---	---	0	0	0.013	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0	9.658	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0.312	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1.08	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.039
MAXIMUM DAILY, 1.08 ON MAY 11
MINIMUM DAILY, 0 ON MAR 1

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 05 16 N
LONG 105 54 56 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	834	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 834 dam³

SPIRIT CREEK NEAR BUCHANAN - STATION NO 05MB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1 28	0 102	0	0 072	0	0	0	0	---	1
2	---	---	0 B	1 25	0 092	0	0 055	0	0	0	0	---	2
3	---	---	0 B	1 17	0 075	0	0 043	0	0	0	0	---	3
4	---	---	0 B	1 00	0 060	0	0 038	0	0	0	0	---	4
5	---	---	0 B	0 874	0 048	0	0 030	0	0	0	0	---	5
6	---	---	0 B	0 776	0 041	0	0 024	0	0	0	---	---	6
7	---	---	0 B	0 822	0 033	0	0 019	0	0	0	---	---	7
8	---	---	0 B	0 726	0 025	0	0 014	0	0	0	---	---	8
9	---	---	0 B	0 626	0 020	0	0 010	0	0	0	---	---	9
10	---	---	0 B	0 569	0 025	0	0 008	0	0	0	---	---	10
11	---	---	0 B	0 552	0 024	0	0 006	0	0	0	---	---	11
12	---	---	0 B	0 529	0 025	0	0 002	0	0	0	---	---	12
13	---	---	0 B	0 452	0 020	0	0 001	0	0	0	---	---	13
14	---	---	0 B	0 383	0 011	0	0 001	0	0	0	---	---	14
15	---	---	0 B	0 332	0 008	0	0 001	0	0	0	---	---	15
16	---	---	0 B	0 284	0 003	0	0	0	0	0	---	---	16
17	---	---	0 B	0 272	0 004	0	0	0	0	0	---	---	17
18	---	---	0 B	0 285	0 006	0	0	0	0	0	---	---	18
19	---	---	0 B	0 234	0 004	0	0	0	0	0	---	---	19
20	---	---	0 0518	0 208	0 003	0	0	0	0	0	---	---	20
21	---	---	0 1308	0 186	0 003	0	0	0	0 002	0 003	---	---	21
22	---	---	0 5338	0 171	0 002	0 013	0	0	0 014	0 012	---	---	22
23	---	---	1 86 B	0 199	0 001	1 26	0	0	0 013	0 004	---	---	23
24	---	---	3 05 B	0 186	0 001	0 808	0	0	0 006	0 001	---	---	24
25	---	---	4 75 B	0 173	0 001	0 291	0	0	0 002	0 B	---	---	25
26	---	---	4 26 B	0 148	0 002	0 174	0	0	0 001	0 B	---	---	26
27	---	---	3 12 B	0 119	0 002	0 139	0	0	0	0 B	---	---	27
28	---	---	2 88 B	0 103	0 001	0 115	0	0	0	0 B	---	---	28
29	---	---	2 26	0 107	0 001	0 085	0	0	0	0 B	---	---	29
30	---	---	1 79	0 112	0 001	0 080	0	0	0	0 B	---	---	30
31	---		1 55		0		0	0		0 B		---	31
TOTAL	---	---	26 234	14 090	0 642	2 785	0 318	0	0 038	0 020	---		TOTAL
MEAN	---	---	0 846	0 470	0 021	0 093	0 010	0	0 001	0 001	---		MEAN
MAX	---	---	4 75	1 28	0 102	1 26	0 072	0	0 014	0 012	---	---	MAX
MIN	---	---	0	0 103	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 180
MAXIMUM DAILY, 4 758 ON MAR 25
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
5 608 AT 01 18 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 42 36 N
LONG 102 48 21 W
DRAINAGE AREA, 259 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	27 5
FEB	---	AUG	0
MAR	2 270	SEP	3 28
APR	1 220	OCT	1 73
MAY	55 5	NOV	
JUN	241	DEC	

TOTAL DISCHARGE, 3 820 dam³

SPRUCE RIVER BELOW ANGLIN LAKE RESERVOIR - STATION NO 05GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 335	0 274	0 280	0 328	0 280	3 26	2 50	0 314	0 185	0 268	0 370E	0 886	1
2	0 330	0 278	0 282	0 335	0 278	3 79	2 50	0 287	0 184	0 272	0 355E	0 871	2
3	0 332	0 277	0 278	0 481	0 278	3 93	2 49	0 281	0 180	0 272	0 358E	0 876	3
4	0 331	0 277	0 273	0 737	0 281	3 87	2 46	0 292	0 180	0 263	0 353E	0 844	4
5	0 331	0 276	0 276	0 744	0 290	3 77	1 80	0 270	0 198	0 253	0 371A	0 817	5
6	0 331	0 275	0 275	1 12	0 306	3 66	0 902	0 262	0 203	0 247	0 363	0 791	6
7	0 336	0 259	0 272	1 55	0 306	4 02	0 883	0 269	0 210	0 240	0 852	0 775	7
8	0 332	0 259	0 264	1 60	0 305	5 78	0 880	0 257	0 208	0 241	1 00	0 762	8
9	0 336	0 257	0 266	2 00	0 304	6 89	0 900	0 239	0 207	0 240	1 00	0 758	9
10	0 332	0 263	0 262	3 30	0 303	8 43	0 935	0 236	0 216	0 235	1 00	0 752	10
11	0 332	0 262	0 255	3 45	0 295	10 5	0 227	0 234	0 226	0 227	1 01	0 729	11
12	0 332	0 261	0 248	3 71	0 287	11 0	0 208	0 243	0 242	0 226	1 01	0 707	12
13	0 333	0 261	0 250	3 77	0 287	10 3	0 239	0 212	0 248	0 224	0 999	0 618	13
14	0 323	0 256	0 254	3 71	0 289	9 39	0 276	0 215	0 249	0 229	1 01	0 644	14
15	0 304	0 264	0 246	3 64	0 287	6 59	0 263	0 235	0 261	0 229	0 999	0 748	15
16	0 302	0 267	0 240	3 45	0 247	5 96	0 272	0 225	0 271	0 289	0 991	0 742	16
17	0 307	0 263	0 239	2 80	0 315	6 38	0 260	0 260	0 278	0 338	0 985	0 729	17
18	0 318	0 276	0 238	2 77	0 354	6 04	0 299	0 289	0 290	0 348	0 972	0 696	18
19	0 321	0 276	0 232	2 69	0 479	5 53	0 320	0 294	0 290	0 355	0 959	0 702	19
20	0 314	0 282	0 235	2 57	1 80	5 00	0 353	0 281	0 299	0 360	0 948	0 685	20
21	0 304	0 282	0 243	2 41	3 53	5 07	0 390	0 247	0 317	0 360	0 939	0 681	21
22	0 298	0 282	0 256	2 35	3 50	5 02	0 368	0 223	0 316	0 367	0 927	0 664	22
23	0 299	0 283	0 262	2 38	5 12	4 96	0 389	0 224	0 304	0 372	0 931	0 655	23
24	0 295	0 300	0 272	1 51	5 53	4 82	0 432	0 205	0 288	0 379	0 923	0 659	24
25	0 293	0 302	0 286	0 242	5 84	4 68	0 378	0 185	0 294	0 388	0 919	0 685	25
26	0 288	0 301	0 297	0 261	5 42	4 78	0 387	0 194	0 284	0 421	0 910	0 668	26
27	0 290	0 292	0 290	0 318	5 23	4 61	0 387	0 194	0 278	0 470	0 905	0 685	27
28	0 286	0 282	0 301	0 371	5 07	4 43	0 381	0 197	0 278	0 495E	0 906	0 679	28
29	0 283	0 281	0 311	0 358	4 72	4 04	0 375	0 184	0 279	0 500E	0 894	0 676	29
30	0 278		0 310	0 332	2 79	3 00	0 344	0 188	0 271	0 480E	0 888	0 674	30
31	0 278		0 319		3 22		0 333	0 179		0 430E		0 675	31
TOTAL	9 702	8 018	8 312	55 287	81 249	189 80	22 531	7 433	7 582	10 020	24 859	22 475	TOTAL
MEAN	0 313	0 276	0 268	1 84	1 98	5 65	0 727	0 240	0 252	0 323	0 829	0 725	MEAN
MAX	0 336	0 302	0 319	3 77	5 84	11 0	2 50	0 314	0 317	0 500	1 01	0 886	MAX
MIN	0 278	0 263	0 232	0 242	0 247	3 00	0 208	0 179	0 184	0 224	0 355	0 618	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 11
MAXIMUM DAILY, 11 0 ON JUN 13
MINIMUM DAILY, 0 179 ON AUG 31
MAXIMUM INSTANTANEOUS,
11 6 AT 13 54 CST ON JUN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 38 50 N
LONG 106 00 30 W
DRAINAGE AREA, 870 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	838	JUL	1 950
FEB	693	AUG	642
MAR	718	SEP	853
APR	4 780	OCT	866
MAY	5 280	NOV	2 190
JUN	16 700	DEC	1 940

TOTAL DISCHARGE, 35 200 dam³

SPRUCE RIVER DIVERSION TO EMMA LAKE - STATION NO 05GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0 048	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0 014	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0	---	---	31
TOTAL	---	---	0	0	0	0	0 062	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0 002	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0 048	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0 048 ON JUL 22
MINIMUM DAILY 0 ON MAR 1
MAXIMUM INSTANTANEOUS
0 748 AT 13 01 CST ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 40 20 N
LONG 106 00 00 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5 36
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 5 36 dam³

REMARKS - THE PEAK OCCURRED DURING A TEST OF PUMPING EQUIPMENT BY DEPT OF PARKS AND RENEWABLE RESOURCES

SOUAW COULEE NEAR WILLOW CREEK - STATION NO 11AB103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0	---	---	31
TOTAL	---	---	0	0	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0 ON MAR 1
MINIMUM DAILY 0 ON MAR 1
MAXIMUM INSTANTANEOUS
0 AT 00:01 CST ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 11 N
LONG 109 48 23 W
DRAINAGE AREA 103 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 0 dam³

STONY CREEK NEAR KAMSACK - STATION NO 05MD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	2.56 B	0 197	0 021	0 053	0 003	0 003	0 002	0 0108	---	1
2	---	---	0 B	2.25 B	0 159	0 017	0 026	0 003	0 003	0 002	0 0108	---	2
3	---	---	0 B	1 88 B	0 300	0 013	0 013	0 003	0 002	0 002	0 0098	---	3
4	---	---	0 B	1.23 B	0 314	0 011	0 005	0 010	0 002	0 002	0 0098	---	4
5	---	---	0 B	0 8618	0 236	0 007	0 006	0 014	0 002	0 002	0 0098	---	5
6	---	---	0 B	0 534	0 180	0 006	0 004	0 019	0 002	0 002	0 0098	---	6
7	---	---	0 B	0 494	0 239	0 082	0 004	0 018	0 004	0 002	0 0098	---	7
8	---	---	0 B	0 446	0 228	0 233	0 004	0 019	0 002	0 002	---	---	8
9	---	---	0 B	0 393	0 126	0 176	0 003	0 018	0 002	0 004	---	---	9
10	---	---	0 B	0 367	0 115	0 022	0 003	0 015	0 002	0 004	---	---	10
11	---	---	0 B	0 143	0 117	0 039	0 003	0 010	0 003	0 003	---	---	11
12	---	---	0 B	0 159	0 114	0 007	0 002	0 008	0 004	0 002	---	---	12
13	---	---	0 B	0 276	0 092	0 007	0 002	0 005	0 005	0 001	---	---	13
14	---	---	0 B	0 332	0 077	0 005	0 002	0 004	0 005	0 004	---	---	14
15	---	---	0 B	0 286	0 062	0 004	0 002	0 004	0 003	0 008	---	---	15
16	---	---	0 B	0 197	0 074	0 004	0 002	0 004	0 002	0 018	---	---	16
17	---	---	0 B	0 137	0 106	0 003	0 002	0 003	0 002	0 015	---	---	17
18	---	---	0 B	0 129	0 080	0 011	0 002	0 003	0 002	0 015	---	---	18
19	---	---	0 0108	0 080	0 100	0 015	0 002	0 003	0 002	0 014	---	---	19
20	---	---	0 0308	0 087	0 097	0 026	0 002	0 002	0 002	0 014	---	---	20
21	---	---	0 7828	0 116	0 113	0 026	0 001	0 001	0 002	0 014	---	---	21
22	---	---	0 7858	0 074	0 118	0 022	0 001	0 001	0 003	0 014	---	---	22
23	---	---	1 15 B	0 072	0 242	0 144	0 001	0 002	0 006	0 014	---	---	23
24	---	---	0 9518	0 172	0 232	0 218	0 001	0 005	0 007	0 014	---	---	24
25	---	---	1 26 B	0 197	0 125	0 510	0 001	0 007	0 005	0 0138	---	---	25
26	---	---	1 53 B	0 185	0 111	0 459	0 001	0 009	0 003	0 0128	---	---	26
27	---	---	1 64 B	0 163	0 088	0 293	0 001	0 012	0 002	0 0118	---	---	27
28	---	---	1 51 B	0 166	0 052	0 198	0 001	0 015	0 002	0 0108	---	---	28
29	---	---	1 90 B	0 157	0 042	0 106	0 001	0 020	0 002	0 0108	---	---	29
30	---	---	2 27 B	0 194	0 035	0 088	0	0 017	0 002	0 0108	---	---	30
31	---		2 80 B		0 024		0 002	0 009		0 0108	---	---	31
TOTAL	---	---	16 898	14 327	4 177	2 771	B 154	B 286	0 088	B 251	---	---	TOTAL
MEAN	---	---	0 545	0 478	0 135	0 092	0 005	0 009	0 003	0 008	---	---	MEAN
MAX	---	---	2 80	2 56	0 314	0 510	0 053	0 007	0 010	0 019	---	---	MAX
MIN	---	---	0	0 072	0 024	0 003	0	0 001	0 002	0 001	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 159
MAXIMUM DAILY, 2 808 ON MAR 31
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
4 588 AT 11 23 CST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 19 N
LONG 101 50 19 W
DRAINAGE AREA, 445 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	13 3
FEB	---	AUG	23 0
MAR	1 480	SEP	7 60
APR	1 240	OCT	21 7
MAY	361	NOV	---
JUN	239	DEC	---

TOTAL DISCHARGE, 3 370 dam³

STONY CREEK NEAR STENEN - STATION NO 05MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1 47	0 569	0 382	0 546	0	0	0	---	---	1
2	---	---	0 B	1 76	0 600	0 389	0 453	0	0	0	---	---	2
3	---	---	0 B	2 00	0 423	0 355	0 352	0	0	0	---	---	3
4	---	---	0 B	2 14	0 374	0 282	0 215	0	0	0	---	---	4
5	---	---	0 B	2 12	0 331	0 259	0 115	0	0	0	---	---	5
6	---	---	0 B	2 05	0 327	0 241	0 055	0	0	0	---	---	6
7	---	---	0 B	1 90	0 476	0 494	0 018	0	0	0	---	---	7
8	---	---	0 B	1 77	0 325	0 543	0 001	0	0	0	---	---	8
9	---	---	0 B	1 67	0 251	0 532	0 019	0	0	0	---	---	9
10	---	---	0 B	1 58	0 235	0 443	0 004	0	0	0	---	---	10
11	---	---	0 B	1 50	0 238	0 406	0 011	0	0	0	---	---	11
12	---	---	0 B	1 77	0 224	0 389	0 008	0	0	0	---	---	12
13	---	---	0 B	1 69	0 215	0 331	0 005	0	0	0	---	---	13
14	---	---	0 B	1 45	0 217	0 303	0 002	0	0	0	---	---	14
15	---	---	0 B	1 29	0 211	0 250	0 001	0	0	0	---	---	15
16	---	---	0 B	1 19	0 198	0 218	0	0	0	0	---	---	16
17	---	---	0 B	1 09	0 286	0 202	0	0	0	0	---	---	17
18	---	---	0 B	1 02	0 281	0 180	0	0	0	0	---	---	18
19	---	---	0 B	0 955	0 243	0 181	0	0	0	0	---	---	19
20	---	---	0 B	0 914	0 226	0 228	0	0	0	0	---	---	20
21	---	---	0 B	0 897	0 786	0 267	0	0	0	0	---	---	21
22	---	---	0 0028	0 833	0 486	0 365	0	0	0	0	---	---	22
23	---	---	0 0068	0 838	0 495	0 578	0	0	0	0	---	---	23
24	---	---	0 0098	0 875	0 3.2	1 01	0	0	0	0	---	---	24
25	---	---	0 1608	0 943	0 357	1 19	0	0	0	0	---	---	25
26	---	---	0 2208	0 886	0 404	1 36	0	0	0	0	---	---	26
27	---	---	0 2908	0 800	0 428	1 15	0	0	0	0	---	---	27
28	---	---	0 4008	0 756	0 408	1 04	0	0	0	0	---	---	28
29	---	---	0 8508	0 670	0 414	0 879	0	0	0	0	---	---	29
30	---	---	1 14 B	0 626	0 402	0 699	0	0	0	0	---	---	30
31	---	---	1 24 B		0 383		0	0		0	---	---	31
TOTAL	---	---	4 327	38 454	10 113	15 146	1 805	0	0	B	---	---	TOTAL
MEAN	---	---	0 140	1 32	0 326	0 505	0 058	0	0	0	---	---	MEAN
MAX	---	---	1 24	2 14	0 569	1 36	0 546	0	0	0	---	---	MAX
MIN	---	---	0	0 626	0 198	0 180	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 289
MAXIMUM DAILY, 2 14 ON APR 4
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2 15 AT 20 13 CST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 56 N
LONG 102 19 48 W
DRAINAGE AREA, 253 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	155
FEB	---	AUG	0
MAR	374	SEP	0
APR	3 410	OCT	0
MAY	874	NOV	---
JUN	1 310	DEC	---

TOTAL DISCHARGE, 8 120 dam³

STURGEON LAKE NEAR PRINCE ALBERT - STATION NO 05GF003

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	8.204	7.780	7.662	---	---	---	1
2	---	---	---	---	---	---	8.204	7.770	7.662	---	---	---	2
3	---	---	---	---	---	---	8.194	7.760	7.663	---	---	---	3
4	---	---	---	---	---	---	8.184	7.750	7.663	---	---	---	4
5	---	---	---	---	---	---	8.184	7.750	7.654	---	---	---	5
6	---	---	---	---	---	---	8.164	7.740	7.654	---	---	---	6
7	---	---	---	---	---	8.314E	8.093	7.730	7.654	---	---	---	7
8	---	---	---	---	---	---	8.003	7.730	7.645	---	---	---	8
9	---	---	---	---	---	---	7.993	7.719	---	---	---	---	9
10	---	---	---	---	---	---	7.983	7.719	---	---	---	---	10
11	---	---	---	---	---	---	7.973	7.719	---	---	---	---	11
12	---	---	---	---	---	8.256	7.953	7.709	---	---	---	---	12
13	---	---	---	---	---	8.246	7.953	7.699	---	---	---	---	13
14	---	---	---	---	---	8.246	7.913	7.699	---	---	---	---	14
15	---	---	---	---	---	8.246	7.912	7.699	---	---	---	---	15
16	---	---	---	---	---	8.256	7.902	7.699	---	---	---	---	16
17	---	---	---	---	---	8.256	7.892	7.688	---	---	---	---	17
18	---	---	---	---	---	8.256	7.872	7.688	---	---	---	---	18
19	---	---	---	---	---	8.256	7.872	7.688	---	---	7.825	---	19
20	---	---	---	---	---	8.255	7.872	7.688	---	---	---	---	20
21	---	---	---	---	---	8.255	7.872	7.709	---	---	---	---	21
22	---	---	---	---	---	8.255	7.872	7.698	---	---	---	---	22
23	---	---	---	---	8.034	8.255	7.871	7.698	---	---	---	---	23
24	---	---	---	---	8.069	8.255	7.871	7.698	---	---	---	---	24
25	---	---	---	---	8.069	8.255	7.861	7.690	---	---	---	---	25
26	---	---	---	---	8.159	8.255	7.861	7.690	---	---	---	---	26
27	---	---	---	---	8.198	8.255	7.851	7.690	---	---	---	---	27
28	---	---	---	---	8.248	8.235	7.851	7.681	---	---	---	---	28
29	---	---	---	---	---	8.234	7.811	7.681	---	---	---	---	29
30	---		---	---	---	8.214	7.791	7.671	---	---	---	---	30
31	---		---		---		7.791	7.662		---		---	31
MEAN	---	---	---	---	---	---	7.956	7.709	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	8.204	7.780	---	---	---	---	MAX
MIN	---	---	---	---	---	---	7.791	7.662	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 25 21 N
LONG 106 09 42 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

STURGEON RIVER NEAR PRINCE ALBERT - STATION NO 05GF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.517B	3.60B	3.62E	12.3	9.22	1.41	0.542	0.375	---	---	1
2	---	---	0.517B	3.30B	3.39A	12.4	8.80	1.30	0.495	0.374	---	---	2
3	---	---	0.515B	3.94B	3.16	12.2	8.11	1.16	0.508	0.380	---	---	3
4	---	---	0.513B	3.41B	2.95	11.7	7.49	1.25	0.479	0.374	---	---	4
5	---	---	0.510B	3.86B	2.75	11.2	7.00	1.11	0.455	0.348	---	---	5
6	---	---	0.508B	3.49B	2.59	10.7	6.50	0.921	0.442	0.367	---	---	6
7	---	---	0.505B	7.61B	2.46	10.8	6.01	0.755	0.483	0.416	---	---	7
8	---	---	0.503B	9.10B	2.01A	12.1	5.66	0.740	0.531	0.419	---	---	8
9	---	---	0.502B	10.8	1.57A	12.7	5.30	0.643	0.476	0.409	---	---	9
10	---	---	0.502B	10.7	1.47A	12.4	4.92	0.628	0.443	0.398	---	---	10
11	---	---	0.502B	11.1	1.34A	12.3	4.53	0.782	0.453	0.395	---	---	11
12	---	---	0.502B	11.4	1.22A	12.5	4.19	0.667	0.455	0.365	---	---	12
13	---	---	0.502B	11.5	1.25	12.5	3.87	0.623	0.465	0.361	---	---	13
14	---	---	0.502B	11.2	1.89	12.2	3.73	0.717	0.443	0.342	---	---	14
15	---	---	0.501B	10.9	2.87	11.7	3.61	0.641	0.439	0.339	---	---	15
16	---	---	0.500B	10.6	3.44	11.5	3.41	0.566	0.427	0.387	---	---	16
17	---	---	0.501B	9.96	3.25	11.7	3.28	0.535	0.437	0.419	---	---	17
18	---	---	0.502B	9.25	3.36	11.9	3.12	0.448	0.471	0.653	---	---	18
19	---	---	0.504B	8.69	3.93	12.1	2.98	0.444	0.446	0.736	---	---	19
20	---	---	0.506B	8.14	4.78	12.3	2.82	0.566	0.429	0.780	---	---	20
21	---	---	0.510B	7.54A	5.57	12.5	2.73	0.647	0.492	0.779	---	---	21
22	---	---	0.515B	7.00E	6.82	13.0	2.68	0.607	0.495	0.795	---	---	22
23	---	---	0.525B	6.45E	8.40	13.2	2.49	0.571	0.436	0.854	---	---	23
24	---	---	0.535B	5.95E	7.07	13.0	2.32	0.699	0.405	0.963	---	---	24
25	---	---	0.545B	5.45E	7.60	12.5	2.19	0.700	0.395	1.05	---	---	25
26	---	---	0.560B	5.00E	8.26	12.2	2.07	0.662	0.365	1.13 B	---	---	26
27	---	---	0.585B	4.65E	9.17	11.6	2.05	0.601	0.383	1.07 B	---	---	27
28	---	---	0.615B	4.35E	10.1	10.9	1.94	0.520	0.384	1.08 B	---	---	28
29	---	---	0.712B	4.00E	10.9	10.4	1.83	0.500	0.389	1.13 B	---	---	29
30	---		0.860B	3.80E	11.6	9.68	1.69	0.497	0.351	1.12 B	---	---	30
31	---		1.76 B		12.0		1.56	0.485		1.12 B		---	31
TOTAL	---	---	17.936	229.74	147.81	358.18	128.08	22.375	13.434	19.728	---	---	TOTAL
MEAN	---	---	0.579	7.66	4.77	11.9	4.13	0.722	0.448	0.636	---	---	MEAN
MAX	---	---	1.76	11.5	12.0	13.2	9.22	1.41	0.542	1.13	---	---	MAX
MIN	---	---	0.500	3.60	1.22	9.68	1.56	0.444	0.351	0.339	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.83
MAXIMUM DAILY, 13.2 ON JUN 23
MINIMUM DAILY, 0.339 ON OCT 15
MAXIMUM INSTANTANEOUS,
13.3 AT 13:13 CST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 12 47 N
LONG 105 53 06 W
DRAINAGE AREA, 5 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11 100
FEB	---	AUG	1 930
MAR	1 550	SEP	1 160
APR	19 800	OCT	1 700
MAY	12 800	NOV	---
JUN	30 900	DEC	---

TOTAL DISCHARGE, 80 900 dam³

STURGEON-WEIR RIVER AT LEAF RAPIDS - STATION NO 05KG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.4	60.2	51.6	45.7	51.7	59.6	91.7	81.1	65.8	55.8	53.9	53.3	1
2	70.3	59.8	51.4	45.5	51.6	60.3	90.7	80.2	64.9	55.8	53.7	53.2	2
3	69.8	59.7	51.0	45.5	51.3	60.6	90.0	79.5	64.4	55.7	53.6	53.1	3
4	69.4	59.4	50.8	45.4	51.0	60.7	89.7	78.6	63.6	55.2	53.1	52.9	4
5	69.1	58.9	50.2	45.3	50.8	60.9	89.5	77.7	62.6	54.6	52.7	52.6	5
6	68.7	58.8	49.9	45.3	50.6	61.2	88.9	77.1	61.9	54.4	52.5	52.6	6
7	68.5	58.3	49.7	45.4	50.4	62.2	88.2	79.1	62.5	53.8	52.6	52.4	7
8	68.2	58.0	49.4	45.7	50.2	63.9	87.1	78.5	65.1	53.3	52.4	52.2	8
9	67.7	57.7	49.2	46.3	49.9	64.9	86.3	77.7	66.1	53.0	52.5	51.8	9
10	67.0	57.4	48.9	47.5	50.0	65.7	86.0	76.7	66.2	52.7	52.4	51.6	10
11	66.5	57.0	48.4	48.8	50.0	66.1	85.6	76.2	66.2	52.5	52.4	51.9	11
12	66.5	56.8	48.1	49.5	50.3	66.1	85.2	75.4	66.1	52.2	52.5	51.6	12
13	66.0	56.2	47.8	50.1	51.4	65.8	85.1	74.8	65.7	52.0	52.9	51.6	13
14	65.4	56.1	47.5	50.6	51.9	65.7	92.1	74.1	65.1	51.8	53.8	51.5	14
15	65.4	55.8	47.1	50.7	51.8	66.1	95.0	73.1	64.8	51.6	54.3	51.4	15
16	65.1	55.8	46.9	51.0	51.9	66.4	95.4	72.6	64.3	53.3	54.2	51.1	16
17	64.4	55.5	46.6	51.5	52.0	71.0	94.3	71.9	63.8	54.7	54.3	50.8	17
18	64.0	55.1	46.2	52.4	52.2	75.8	92.5	71.4	63.4	56.2	54.0	50.5	18
19	63.8	54.9	45.9	52.7	52.2	78.7	90.9	71.1	63.0	57.0	54.0	50.6	19
20	63.2	54.6	45.7	53.0	52.7A	80.6	90.0	72.9	62.4	57.3	53.7	50.5	20
21	62.8	54.3	45.6	53.1	55.0A	92.1	90.0	72.8	61.8	57.2A	53.5	50.5	21
22	62.6	54.1	45.5	53.0	57.3A	98.4	89.1	71.8	61.2	56.7	53.5	50.5	22
23	62.3	53.7	45.5	53.3	58.7A	97.9	88.5	71.0	60.6	56.7	53.5	50.2	23
24	61.9	53.4	45.5	53.6A	59.3	96.5	87.8	70.0	59.9	56.7	53.8	50.1	24
25	61.8	53.0	45.8	54.1A	59.3	97.6	87.2	69.2	59.5	56.2	54.0	49.9	25
26	61.4	52.8	46.6	53.9	59.3	98.1	86.6	69.2	58.9	55.9	53.7	49.8	26
27	61.0	52.5	46.8	53.3	59.3	97.2	85.7	68.7	58.2	55.8	53.7	49.6	27
28	60.9	52.1	46.7	53.1	59.4	95.9	85.1	67.6	57.7	55.1	53.8	49.5	28
29	61.0	51.7	46.5	52.1	59.4	94.8	84.2	66.3	56.9	54.5	53.8	49.4	29
30	60.6		46.3	51.9	59.7	93.3	83.3	66.8	56.5	54.1	53.6	49.3	30
31	60.4		46.0		59.7		81.9	66.6		54.1A		49.1	31
TOTAL	2 015.7	1 623.2	1 479.1	1 499.3	1 670.3	2 284.1	2 743.6	2 279.7	1 879.1	1 695.9	1 602.4	1 585.1	TOTAL
MEAN	65.0	56.0	47.7	50.0	53.9	76.1	88.5	73.5	62.6	54.7	53.4	51.1	MEAN
MAX	70.4	60.2	51.6	54.1	59.7	98.4	95.4	81.1	66.2	57.3	54.3	53.3	MAX
MIN	60.4	51.7	45.5	45.3	49.9	59.6	81.9	66.3	56.5	51.6	52.4	49.1	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.1
MAXIMUM DAILY, 98.4 ON JUN 22
MINIMUM DAILY, 45.3 ON APR 5
MAXIMUM INSTANTANEOUS,
98.9 AT 18 35 CST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 49 40 N
LONG 102 38 08 W
DRAINAGE AREA, 12 800 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	174 000	JUL	237 000
FEB	140 000	AUG	197 000
MAR	128 000	SEP	162 000
APR	130 000	OCT	147 000
MAY	144 000	NOV	138 000
JUN	197 000	DEC	137 000

TOTAL DISCHARGE, 1 930 000 dam³

STURGEON-WEIR RIVER AT OUTLET OF AMISK LAKE - STATION NO 05KG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	86.6	78.0	69.1	63.0	64.7	65.0	93.2	100 E	78.0	68.1	64.2	65.9	1
2	86.7	76.5	69.3	63.1	64.5	65.9	94.1	100 E	76.4	68.5	62.7	65.8	2
3	87.0	77.0	68.6	63.2	64.3	66.2	96.2	99.5E	76.7	68.5	63.6	65.9	3
4	86.3	76.8	68.9	62.8	64.2	65.8	97.1	99.0E	75.7	66.7	63.6	66.2	4
5	86.7	75.1	68.0	62.7	63.5	65.9	96.7	98.5E	74.1	66.8	63.4	66.4	5
6	86.0	75.3	68.8	62.5	63.6	65.9	95.5	98.0E	73.3	67.3	64.1	66.1	6
7	85.8	75.3	68.6	62.2	63.4	69.4	96.7	97.5E	76.4	66.3	65.5	65.9	7
8	85.0	75.8	66.2	62.4	63.3	69.3	97.7	97.0E	77.5	66.2	65.4	66.0	8
9	84.6	75.3	65.9	62.6	63.6	69.5	99.5	96.5E	77.7	66.0	65.6	65.7	9
10	84.7	75.3	66.2	62.9	63.7	69.3	99.4	96.0E	77.5	65.5	65.3	66.0	10
11	84.2	75.0	65.1	63.3	64.1	70.0	100	95.0E	76.2	65.5	65.6	66.1	11
12	84.5	74.4	64.7	63.5	63.9	70.8	100	94.0E	76.3	65.5	65.6	66.1	12
13	84.2	73.7	64.4	63.8	64.0	71.0	100	93.0E	76.8	65.3	66.3	65.8	12
14	83.5	73.9	64.3	63.7	64.1	70.5	103	92.0E	75.5	65.0	66.7	65.8	14
15	83.0	73.9	63.7	64.1	63.8	71.5	102	91.0E	74.4	66.7	66.8	65.8	15
16	83.0	74.1	63.8	64.2	64.5	72.0	103	90.0E	74.1	67.2	66.6	65.6	16
17	81.7	73.5	64.0	64.8	64.1	73.0	102	89.0E	73.9	67.7	66.8	65.3E	17
18	81.1	72.7	64.1	65.2	65.3	74.0	102	88.5E	71.5	68.1	66.9	65.0E	18
19	80.5	72.1	64.0	65.4	64.8	74.9	101	88.0E	71.6	70.6	66.6	64.8E	19
20	80.3	71.7	63.8	65.7	65.0	76.7	99.1	87.5E	70.9	70.4	66.5	64.5E	20
21	80.2	72.1	63.8	65.1	67.9	81.8	101	87.0E	70.7	69.4	65.4	64.2E	21
22	79.3	71.8	63.2	74.7	66.8	82.5	100	86.5E	72.4	69.2	65.2	63.9E	22
23	78.7	71.4	62.8	84.7	68.2	82.0	100	86.0E	72.6	69.6	66.3	63.6E	23
24	80.0	70.8	62.6	84.9	67.3	81.5	102	85.0E	72.7	68.8	66.5	63.4E	24
25	78.8	70.8	62.9	85.3	67.0	86.7	102 A	84.5E	71.3	66.0	66.4	63.1E	25
26	78.6	70.5	63.9	85.1	67.0	89.1	102 E	84.0E	70.8	68.5	66.4	62.8E	26
27	78.8	70.3	63.7	85.2	67.0	89.9	101 E	83.6E	70.5	69.5	66.3	62.5E	27
28	78.8	69.8	63.4	84.8	66.1	90.8	101 E	83.2E	69.3	66.7	66.2	62.2E	28
29	78.6	69.4	63.1	84.5	66.2	91.7	101 E	82.8A	69.0	66.4	65.9	62.0E	29
30	78.7		63.2	84.2	66.4	92.2	100 E	84.9	68.2	66.4	65.8	61.7E	30
31	78.7		62.9		66.8		100 E	81.6		64.9		61.4E	31
TOTAL	2 555.4	2 131.9	2 012.6	1 910.6	2 020.1	2 264.8	3 088.2	2 819.1	2 212.3	2 088.5	1 970.2	2 005.5	TOTAL
MEAN	82.4	73.8	64.9	64.0	65.2	75.5	99.6	90.9	73.7	67.4	65.7	64.7	MEAN
MAX	87.0	78.0	69.3	65.7	68.8	92.2	103	100	78.0	70.6	66.9	66.4	MAX
MIN	78.6	69.4	62.6	62.2	63.3	65.0	93.2	81.6	68.2	64.9	52.7	61.4	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 74.0
MAXIMUM DAILY, 103 ON JUL 14
MINIMUM DAILY, 61.4E ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 20 N
LONG 102 10 30 W
DRAINAGE AREA, 14 800 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	221 000	JUL	267 000
FEB	184 000	AUG	244 000
MAR	174 000	SEP	191 000
APR	166 000	OCT	180 000
MAY	175 000	NOV	170 000
JUN	196 000	DEC	173 000

TOTAL DISCHARGE, 2 340 000 dam³

SWAN RIVER NEAR NORQUAY - STATION NO OSLE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 601B	0 676B	0 543B	7 04B	24 5E	32 4	7 56	0 459	0 245	0 969	0 750B	1 23 B	1
2	0 714B	0 646B	0 565B	10 2 B	21 5E	28 6	6 66	0 438	0 234	0 975	0 800B	1 27 B	2
3	0 682B	0 623B	0 574B	13 5 B	19 0E	24 4	5 85	0 405	0 226	0 981	0 900B	1 25 B	3
4	0 820B	0 613B	0 553B	12 9 B	17 0E	21 0	5 13	0 382	0 222	0 976	1 05 B	1 22 B	4
5	0 668B	0 636B	0 566B	13 2 B	15 5E	18 6	4 41	0 394	0 215	0 966	1 20 B	1 19 B	5
6	0 642B	0 642B	0 470B	16 3	14 5E	16 1	3 79	0 374	0 206	1 03	1 30 B	1 10 B	6
7	0 783B	0 605B	0 400B	19 2	13 5E	17 7	3 22	0 370	0 225	0 989	1 41 B	1 08 B	7
8	0 760B	0 585B	0 417B	22 7	12 5E	25 3	2 96	0 421	0 313	0 950	1 28 B	1 10 B	8
9	0 704B	0 542B	0 432B	24 2	13 0E	28 8	2 45	0 500	0 417	0 985	1 26 B	1 02 B	9
10	0 651B	0 516B	0 480B	26 5	14 0E	30 6	2 10	0 469	0 559	0 969	1 19 B	0 991B	10
11	0 562B	0 476B	0 527B	29 8	15 5E	31 6	1 79	0 436	0 733	1 03	1 15 B	1 06 B	11
12	0 472B	0 474B	0 534B	32 8	16 5E	31 6	1 60	0 425	0 799	0 985	1 13 B	0 673B	12
13	0 402B	0 569B	0 451B	36 0	17 5E	30 9	1 40	0 415	0 781	1 06	1 21 B	0 557B	13
14	0 393B	0 635B	0 370B	37 8	18 5E	28 8	1 25	0 410	0 760	0 970	1 24 B	0 501B	14
15	0 342B	0 688B	0 405B	37 8	19 5E	24 4	1 15	0 388	0 815	0 998	1 21 B	0 529B	15
16	0 344B	0 721B	0 424B	37 1	22 0E	20 8	1 10	0 379	0 824	1 02	1 16 B	0 580B	16
17	0 336B	0 784B	0 429B	35 1	25 0E	19 2	1 31	0 377	0 823	1 62	1 11 B	0 577B	17
18	0 304B	0 867B	0 515B	32 4	30 0E	19 4	1 10	0 363	0 775	2 14	1 14 B	0 535B	18
19	0 273B	0 910B	0 554B	28 8	34 0E	18 4	1 03	0 348	0 711	2 38	1 15 B	0 484B	19
20	0 353B	0 781B	0 626B	24 0	39 0E	16 8	0 983	0 348	0 664	2 17	1 13 B	0 498B	20
21	0 528B	0 640B	0 708B	20 2	42 5E	15 6	0 904	0 336	0 724	2 09	1 13 B	0 510B	21
22	0 567B	0 639B	0 872B	18 1	44 0E	15 8	0 848	0 324	1 02	1 91	1 14 B	0 549B	22
23	0 585B	0 663B	1 02 B	16 7	44 8E	16 7	0 778	0 304	1 12	1 78	1 11 B	0 522B	23
24	0 559B	0 673B	1 06 B	15 5	44 8A	15 5	0 742	0 295	1 64	1 40	1 11 B	0 420B	24
25	0 541B	0 657B	1 42 B	18 3	44 4	14 5	0 723	0 300	1 22	1 20 B	1 06 B	0 413B	25
26	0 515B	0 626B	3 41 B	22 9	44 3	13 2	0 666	0 302	1 17	1 08 B	1 06 B	0 434B	26
27	0 570B	0 533B	2 46 B	26 5 A	44 1	11 8	0 655	0 296	1 09	1 00 B	1 16 B	0 442B	27
28	0 587B	0 517B	3 13 B	27 0 E	42 9	10 6	0 610	0 284	1 04	0 950B	1 19 B	0 507B	28
29	0 575B	0 538B	2 90 B	27 5 E	41 1	9 80	0 535	0 275	1 03	0 850B	1 25 B	0 537B	29
30	0 627B		4 65 B	28 5 E	38 8	8 55	0 535	0 265	0 985	0 786B	1 21 B	0 581B	30
31	0 676B		5 39 B		35 9		0 497	0 259		0 750B		0 565B	31
TOTAL	17 774	18 493	36 883	715 34	870 2	618 45	64 348	11 342	21 786	31 979	34 190	23 133	TOTAL
MEAN	0 573	0 638	1 19	23 8	28 1	20 6	2 08	0 366	0 726	1 23	1 14	0 746	MEAN
MAX	0 868	0 910	5 39	37 8	44 8	32 4	7 56	0 500	1 64	2 38	1 41	1 27	MAX
MIN	0 273	0 474	0 370	7 04	12 5	8 55	0 497	0 259	0 206	0 750	0 750	0 413	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 75
MAXIMUM DAILY, 44 8E ON MAY 27
MINIMUM DAILY, 0 206 ON SEP 8
MAXIMUM INSTANTANEOUS,
45 0A ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 59 52 N
LONG 102 04 26 W
DRAINAGE AREA, 1 920 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 540	JUL	5 550
FEB	1 600	AUG	980
MAR	3 190	SEP	1 880
APR	61 800	OCT	3 280
MAY	75 200	NOV	2 950
JUN	53 400	DEC	2 000

TOTAL DISCHARGE, 213 000 dam³

REMARKS - THE MAXIMUM INSTANTANEOUS DISCHARGE WAS COMPUTED FROM A HIGH WATER MARK

SWIFT CURRENT CANAL AT SWIFT CURRENT - STATION NO OSHD034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0 018	4 34	0 198	0 063	1 39	0 041	0	---	---	1
2	---	---	0	0 464	4 34	0 230	0 049	0 951	0 038	0	---	---	2
3	---	---	0	0 987	4 36	0 246	0 114	1 24	0 033	0	---	---	3
4	---	---	0	0 882	4 37	0 238	0 158	1 49	0 028	0	---	---	4
5	---	---	0	0 840	4 38	0 239	0 157	0 980	0 027	0	---	---	5
6	---	---	0	0 832	4 33	0 298	0 150	0 365	0 025	0	---	---	6
7	---	---	0	0 816	4 33	0 337	0 141	0 150	0 025	0	---	---	7
8	---	---	0	0 821	4 35	0 355	0 124	0 050	0 027	0	---	---	8
9	---	---	0	0 786	4 28	0 330	0 272	0 050	0 027	0	---	---	9
10	---	---	0	1 30	4 22	0 324	1 07	0 100	0 274	0	---	---	10
11	---	---	0	3 05	4 23	0 266	1 66	0 085	0 312	0	---	---	11
12	---	---	0	3 57	4 19	0 162	2 30	0 060	0 325	0	---	---	12
13	---	---	0	4 35	4 19	0 146	2 69	0 055	0 320	0	---	---	13
14	---	---	0	4 34	4 17	0 138	3 02	0 017A	0 326	0	---	---	14
15	---	---	0	4 31	4 21	0 131	3 10	0 E	0 262	0	---	---	15
16	---	---	0	4 41	4 22	0 118	3 16	0 E	0 132	0	---	---	16
17	---	---	0	4 55	4 20	0 126	3 20	0 E	0 100	0	---	---	17
18	---	---	0	4 42	4 18	0 127	2 94	0 E	0 045	0	---	---	18
19	---	---	0	4 38	4 16	0 127	2 81	0 E	0 044	0	---	---	19
20	---	---	0	4 35	4 06	0 123	2 74	0 A	0 042	0	---	---	20
21	---	---	0 400E	4 36	4 02	0 122	2 70	0	0 041	0	---	---	21
22	---	---	0 590E	4 36	4 02	0 120	2 66	0	0 040	0	---	---	22
23	---	---	0 615E	4 43	4 04	0 130	2 64	0	0 038	0	---	---	23
24	---	---	0 640E	4 39	4 03	0 134	2 60	0	0 008	0	---	---	24
25	---	---	0 860E	4 41	4 07	0 128	2 58	0	0 004	0	---	---	25
26	---	---	0 881A	4 38	4 06	0 117	2 57	0	0	0	---	---	26
27	---	---	0 701	4 37	2 39	0 106	2 57	0	0	0	---	---	27
28	---	---	0 663	4 40	1 17	0 089	2 58	0 030	0	0	---	---	28
29	---	---	0 377	4 41	0 538	0 080	2 61	0 105	0	0A	---	---	29
30	---		0 022	4 37	0 139	0 080	2 62	0 048	0	0	---	---	30
31	---		0 020		0 139		2 63	0 044		0E		---	31
TOTAL	---	---	5 369	93 437	113 737	5 386	58 886	7 258	2 634	0	---	---	TOTAL
MEAN	---	---	0 173	3 11	3 67	0 180	1 90	0 234	0 088	0	---	---	MEAN
MAX	---	---	0 701	4 55	4 37	0 355	3 20	1 49	0 362	0	---	---	MAX
MIN	---	---	0	0 018	0 139	0 080	0 049	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 17
MAXIMUM DAILY, 4 55 ON APR 17
MINIMUM DAILY, 0 ON MAR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 18 03 N
LONG 107 46 43 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	5 080
FEB	---	AUG	627
MAR	464	SEP	228
APR	8 070	OCT	0
MAY	9 830	NOV	---
JUN	485	DEC	---

TOTAL DISCHARGE, 24 800 dam³

SWIFT CURRENT CREEK BELOW REID LAKE - STATION NO 05HD041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 742	0 781	0 372	0 481	5 28A	1 85	0 922	2 86	0 595	0 153	0 321	0 420	1
2	0 720	0 756	0 368	0 467	5 28A	1 74	0 887	2 94	0 597	0 156	0 314	0 393	2
3	0 703	0 773	0 391	0 484	5 32	1 72	0 877	3 01	0 603	0 155	0 284	0 397	3
4	0 711	0 789	0 398	0 489	5 30	1 70	0 858	2 98	0 530	0 155	0 278	0 416	4
5	0 696	0 779	0 391	0 504	5 28	1 67	0 877	1 84	0 527	0 155	0 276	0 410	5
6	0 671	0 793	0 4258	0 482	5 23	1 52	0 851	0 774	0 437	0 153	0 397	0 415	6
7	0 688	0 785	0 3958	0 522	5 23	1 32	0 890	1 03	0 395	0 119	0 534	0 411	7
8	0 697	0 786	0 384	0 505	5 19	1 31	1 87	1 10	0 377	0 124	0 515	0 413	8
9	0 721	0 766	0 387	1 91	5 18	1 27	1 88	1 11	0 377	0 129	0 509	0 431	9
10	0 707	0 783	0 396	4 05	5 18	1 24	1 88	1 06	0 397	0 137	0 481	0 431	10
11	0 705	0 787	0 388	4 51	5 14	1 22	1 86	1 18	0 385	0 137	0 488	0 471	11
12	0 698	0 789	0 416	5 26 A	5 18	1 22	1 91	1 21	0 391	0 083	0 475	0 386	12
13	0 701	0 787	0 408	5 28 E	5 12	1 14	2 17	1 10	0 380	0 088	0 475	0 385	13
14	0 695	0 809	0 425	5 29 E	5 12	1 08	2 26	0 894	0 350	0 078	0 528	0 421	14
15	0 695	0 800	0 428	5 31 E	5 08	1 03	2 27	0 924	0 334	0 085	0 450	0 461	15
16	0 731	0 821	0 423	5 32 E	5 04	0 994	2 30	0 990	0 332	0 104	0 441	0 491	16
17	0 709	0 826	0 420	5 34 E	5 04	1 00	2 26	0 945	0 346	0 101	0 409	0 427	17
18	0 717	0 853	0 436	5 35 E	5 01	0 950	2 42	0 986	0 378	0 100	0 395	0 424	18
19	0 713	0 877	0 452	5 37 E	4 98	0 984	2 42	1 04	0 406	0 095	0 389	0 434	19
20	0 684	0 836	0 442	5 38 E	5 00	0 942	2 46	0 975	0 427	0 095	0 379	0 406	20
21	0 686	0 712	0 425	5 40 E	4 97	0 981	2 59	0 898	0 360	0 097	0 393	0 4108	21
22	0 685	0 409	0 410	5 41 E	4 96	0 984	2 68	0 871	0 357	0 101	0 375	0 388	22
23	0 714	0 396	0 433	5 43 E	5 00	0 989	2 75	0 813	0 367	0 100	0 392	0 386	23
24	0 717	0 386	0 418	5 44 E	5 00	0 988	2 80	0 870	0 397	0 100	0 395	0 385	24
25	0 707	0 374	0 421	5 46 A	4 96	0 998	2 90	0 905	0 423	0 058	0 440	0 374	25
26	0 724	0 412	0 400	5 40	3 02	1 01	2 93	0 910	0 330	0 043	0 419	0 3718	26
27	0 702	0 386	0 424	5 41	1 54	0 987	2 96	0 753	0 178	0 055	0 389	0 489	27
28	0 722	0 3808	0 424	5 38	1 55	0 988	3 08	0 653	0 181	0 057	0 378	0 606	28
29	0 753	0 376	0 421	5 34	1 53	0 922	3 18	0 642	0 179	0 127	0 395	0 614	29
30	0 737		0 441	5 32	1 73	0 944	2 93	0 596	0 182	0 303	0 379	0 599	30
31	0 748		0 460		1 88		2 80	0 604		0 317		0 584	31
TOTAL	22 000	19 839	12 822	116 244	139 30	35 581	85 730	37 268	11 518	3 771	12 290	13 669	TOTAL
MEAN	0 710	0 684	0 414	3 87	4 49	1 19	2 12	1 20	0 384	0 122	0 410	0 441	MEAN
MAX	0 753	0 877	0 460	5 46	5 32	1 85	3 18	3 01	0 603	0 317	0 534	0 614	MAX
MIN	0 671	0 374	0 368	0 461	1 53	0 922	0 851	0 596	0 178	0 043	0 275	0 371	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 34
MAXIMUM DAILY, 5 46A ON APR 25
MINIMUM DAILY, 0 043 ON OCT 28
MAXIMUM INSTANTANEOUS,
5 51 AT 14 10 CST ON APR 27

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 51 N
LONG 108 02 40 W
DRAINAGE AREA, 2 470 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 900	JUL	5 680
FEB	1 710	AUG	3 220
MAR	1 110	SEP	995
APR	10 000	OCT	328
MAY	12 000	NOV	1 060
JUN	3 070	DEC	1 180

TOTAL DISCHARGE, 42 300 dam³

SWIFT CURRENT CREEK BELOW ROCK CREEK - STATION NO 05HD036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 0868	0 1888	0 4558	1 50 B	0 427	0 653	0 073	0 004	0	0	0 2408	0 2198	1
2	0 0808	0 2218	0 4228	1 38 B	0 406	0 432	0 088	0 002	0	0	0 2378	0 2168	2
3	0 0768	0 3328	0 3858	1 26 B	0 405	0 225	0 059	0 024	0	0	0 2358	0 2148	3
4	0 0898	0 3848	0 3568	1 18 B	0 391	0 157	0 046	0 014	0 001	0	0 2298	0 2118	4
5	0 1898	0 3418	0 2948	1 32 B	0 407	0 129	0 036	0 007	0	0	0 2278	0 2098	5
6	0 1338	0 3188	0 1978	1 40 B	0 404	0 178	0 025	0 010	0	0	0 2168	0 2088	6
7	0 1168	0 3128	0 1728	1 46	0 403	0 234	0 020	0 002	0 002	0	0 2058	0 2058	7
8	0 1098	0 3078	0 1508	1 52	0 416	0 193	0 014	0	0 008	0	0 1958	0 1678	8
9	0 1028	0 3018	0 1308	1 54	0 401	0 175	0 009	0	0 008	0	0 2008	0 1548	9
10	0 1018	0 2988	0 1268	1 48	0 382	0 148	0 007	0	0 004	0	0 2008	0 1428	10
11	0 1008	0 2938	0 1238	1 31	0 361	0 140	0 004	0	0 004	0	0 2058	0 1438	11
12	0 0998	0 2908	0 1208	1 20	0 374	0 134	0 002	0	0 004	0 014	0 2148	0 1198	12
13	0 0978	0 2888	0 1208	1 08	0 338	0 126	0	0	0 004	0 072	0 2218	0 0828	13
14	0 0958	0 2898	0 1198	0 980	0 339	0 119	0	0	0 002	0 096	0 2158	0 0848	14
15	0 0948	0 2928	0 1188	0 821	0 362	0 107	0	0	0 002	0 105	0 2088	0 0888	15
16	0 0938	0 2888	0 1178	0 767	0 374	0 108	0	0	0	0 1128	0 1998	0 0958	16
17	0 0918	0 3048	0 1168	0 663	0 365	0 110	0	0	0	0 1208	0 2048	0 0938	17
18	0 0908	0 3088	0 2538	0 624	0 421	0 165	0	0	0	0 1288	0 2058	0 0918	18
19	0 0908	0 3108	0 5838	0 634	0 468	0 188	0	0	0	0 1348	0 1988	0 0898	19
20	0 0908	0 3618	0 9838	0 599	0 518	0 269	0	0	0 005	0 1438	0 1948	0 0868	20
21	0 0898	0 4308	1 56 B	0 547	0 435	0 157	0	0	0 010	0 1528	0 1938	0 0898	21
22	0 0898	0 4008	1 80 B	0 534	0 376	0 120	0	0	0 009	0 1608	0 2028	0 0908	22
23	0 0898	0 3708	1 46 B	0 577	0 322	0 135	0	0	0 007	0 1708	0 2078	0 0918	23
24	0 0108	0 3408	1 52 B	0 520	0 291	0 158	0	0	0 005	0 1788	0 2148	0 0928	24
25	0 0808	0 3048	2 05 B	0 543	0 287	0 149	0	0	0 003	0 1888	0 2278	0 0948	25
26	0 0858	0 2898	2 07 B	0 575	0 275	0 124	0	0	0 001	0 2008	0 3018	0 0968	26
27	0 1008	0 2708	2 30 B	0 590	0 272	0 101	0	0	0	0 2128	0 2578	0 0978	27
28	0 1088	0 2538	2 33 B	0 528	0 272	0 105	0	0	0	0 2258	0 2258	0 0888	28
29	0 1158	0 2388	2 06 B	0 482	0 257	0 082	0	0	0	0 2368	0 2238	0 0898	29
30	0 1338		1 75 B	0 437	0 248	0 072	0	0	0	0 2408	0 2208	0 1008	30
31	0 1548		1 82 B		0 217		0 004	0		0 2428		0 1008	31
TOTAL	3 183	8 909	25 849	28 031	11.212	5 191	0 387	0 083	0 077	3 129	6 518	3 969	TOTAL
MEAN	0 102	0 307	0 834	0 934	0 382	0 173	0 012	0 002	0 003	0 101	0 217	0 129	MEAN
MAX	0 168	0 430	2 33	1 54	0 518	0 653	0 073	0 024	0 010	0 242	0 301	0 219	MAX
MIN	0 076	0 188	0 118	0 437	0 217	0 072	0	0	0	0	0 183	0 088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 364
MAXIMUM DAILY, 2 338 ON MAR 28
MINIMUM DAILY, 0 ON JUL 13
MAXIMUM INSTANTANEOUS,
2 538 AT 08 20 CST ON MAR 28

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 50 39 N
LONG 108 28 46 W
DRAINAGE AREA, 1 430 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	273	JUL	31 7
FEB	770	AUG	5 44
MAR	2 230	SEP	6 65
APR	2 420	OCT	270
MAY	868	NOV	563
JUN	449	DEC	345

TOTAL DISCHARGE, 8 330 dam³

SWIFT CURRENT CREEK NEAR LEINAN - STATION NO 05ND039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.452B	0.412B	0.789B	0.639B	0.721	0.397	0.310	0.746	0.391	0.476	0.329B	0.438B	1
2	0.400B	0.442B	0.566B	1.59 B	0.895	0.324	0.315	0.713	0.383	0.566	0.367B	0.453B	2
3	0.350B	0.416B	0.494B	1.66 B	0.855	0.392	0.287	0.555	0.356	0.566	0.358B	0.454B	3
4	0.232B	0.453B	0.545B	1.50 B	0.819	0.484	0.270	0.397	0.355	0.563	0.319B	0.401B	4
5	0.242B	0.622B	0.850B	1.15 B	0.809	0.546	0.229	0.283	0.382	0.481	0.321B	0.501B	5
6	0.233B	0.584B	0.672B	1.14 B	0.609	1.09	0.209	0.288	0.350	0.415	0.294B	0.624B	6
7	0.236B	0.606B	0.697B	1.06 B	0.606	0.894	0.198	0.484	0.346	0.415	0.262B	0.493B	7
8	0.256B	0.744B	0.653B	0.750B	0.632	1.59	0.188	0.494	0.374	0.395	0.269B	0.872B	8
9	0.346B	0.546B	0.418B	0.700B	0.644	1.15	0.191	0.359	0.369	0.369	0.300B	0.328B	9
10	0.450B	0.500B	0.306B	0.678	0.561	1.02	0.175	0.338	0.411	0.349	0.315B	0.219B	10
11	0.475B	0.419B	0.296B	0.613	0.516	0.966	0.186	0.319	0.384	0.334	0.318B	0.163B	11
12	0.530B	0.349B	0.267B	0.577	0.463	0.835	0.130	0.331	0.432	0.303	0.304B	0.064B	12
13	1.04 B	0.498B	0.241B	0.540	0.472	0.756	0.081	0.338	0.449	0.256	0.262B	0.128B	13
14	1.20 B	0.717B	0.215B	0.510	0.473	0.550	0.052	0.308	0.462	0.207	0.269B	0.231B	14
15	0.790B	0.896B	0.186B	0.589	0.440	0.477	0.038	0.277	0.616	0.174	0.210B	0.282B	15
16	0.750B	1.02 B	0.169B	0.989	0.402	0.387	0.025	0.376	0.568	0.255B	0.365B	0.218B	16
17	0.731B	1.17 B	0.154B	1.03	0.436	0.397	0.016	0.409	0.549	0.380B	0.337B	0.132B	17
18	0.545B	1.39 B	0.368B	0.986	0.552	0.398	0.015	0.446	0.546	0.313B	0.364B	0.134B	18
19	0.280B	1.37 B	1.30 B	0.785	0.499	0.582	0.015	0.468	0.505	0.237B	0.423B	0.135B	19
20	0.284B	0.811B	2.79 B	0.605	0.443	0.646	0.011	0.464	0.487	0.217B	0.463B	0.136B	20
21	0.268B	0.620B	1.63 B	0.643	0.407	0.670	0.008	0.470	0.525	0.237B	0.454B	0.138B	21
22	0.260B	1.09 B	1.97 B	0.675	0.443	0.557	0.007	0.446	0.541	0.262B	0.676B	0.139B	22
23	0.276B	0.730B	3.98 B	0.885	0.515	0.508	0.111	0.412	0.489	0.256B	1.29 B	0.140B	23
24	0.290B	0.889B	5.34 B	0.736	0.478	0.506	0.494	0.367	0.591	0.215B	0.682B	0.140B	24
25	0.310B	1.49 B	4.91 B	0.762	0.846	0.503	0.394	0.341	0.595	0.221B	0.492B	0.141B	25
26	0.336B	1.25 B	3.23 B	0.714	0.785	0.454	0.293	0.329	0.555	0.189B	0.423B	0.143B	26
27	0.352B	0.680B	1.86 B	0.585	0.781	0.466	0.306	0.330	0.481	0.189B	0.454B	0.144B	27
28	0.336B	0.755B	1.39 B	0.687	0.720	0.451	0.328	0.341	0.435	0.192B	0.476B	0.146B	28
29	0.340B	0.908B	1.27 B	0.598	0.835	0.407	0.243	0.351	0.402	0.183B	0.467B	0.148B	29
30	0.332B		1.12 B	0.713	0.534	0.339	0.395	0.358	0.388	0.216B	0.461B	0.150B	30
31	0.336B		0.909B		0.425		0.581	0.384		0.300B		0.152B	31
TOTAL	13 300	22 579	39 685	25.280	17 386	16 743	6 081	12 522	13 727	9 756	12 389	8 007	TOTAL
MEAN	0.429	0.779	1.29	0.843	0.561	0.625	0.196	0.404	0.458	0.315	0.412	0.258	MEAN
MAX	1.20	1.49	5.34	1.66	0.781	1.59	0.581	0.746	0.616	0.585	1.29	0.872	MAX
MIN	0.232	0.349	0.154	0.510	0.402	0.324	0.007	0.277	0.346	0.174	0.210	0.084	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.545
MAXIMUM DAILY, 5.34B ON MAR 24
MINIMUM DAILY, 0.007 ON JUL 22
MAXIMUM INSTANTANEOUS,
5.908 AT 15:24 CST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 29 38 N
LONG 107 39 31 W
DRAINAGE AREA, 3 730 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 150	JUL	525
FEB	1 950	AUG	1 080
MAR	3 450	SEP	1 190
APR	2 180	OCT	843
MAY	1 500	NOV	1 070
JUN	1 620	DEC	692

TOTAL DISCHARGE, 17 300 dam³

TATAGWA LAKE DRAIN NEAR WEYBURN - STATION NO 05NB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.005	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.006	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0.005	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.003	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.001	0	0	0	C	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	C	C	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0.049B	0	0	0	0	0	0	0	---	---	19
20	---	---	0.139B	0	0	0	0	0	0	0	---	---	20
21	---	---	0.085B	0	0	0	0	0	0	0	---	---	21
22	---	---	0.063B	0	0	0	0	0	0	0	---	---	22
23	---	---	0.071B	0	0	0	0	0	0	0	---	---	23
24	---	---	0.048B	0	0	0	0	0	0	0	---	---	24
25	---	---	0.004B	0	0	0	0	0	0	0	---	---	25
26	---	---	0.007B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.018B	0	0	0	0	0	0	0	---	---	27
28	---	---	0.004B	0	0	0	0	0	0	0	---	---	28
29	---	---	0.004B	0	0	0	0	0	0	0	---	---	29
30	---		0.004B	0	0	0	0	0	0	0	---	---	30
31	---		0.007B		0		0	0		0		---	31
TOTAL	---	---	0.522	0.020	0	0	0	B	0	B	---	---	TOTAL
MEAN	---	---	0.017	0.001	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.139	0.006	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	B	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.139B ON MAR 20
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.195B AT 19:03 CST ON MAR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 58 N
LONG 103 58 50 W
DRAINAGE AREA, 240 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	45 1	SEP	0
APR	1 73	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 46 8 dam³

TAZIN LAKE NEAR OUTLET - STATION NO. 07OC002

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.505	3.400E	3.330E	3.251E	3.237E	3.429	3.606	4.110	4.385	4.525	4.527	4.494	1
2	3.498	3.388E	3.328E	3.249E	3.240E	3.437	3.612	4.129	4.392	4.530	4.531	4.496	2
3	3.490E	3.395E	3.326E	3.247E	3.244E	3.449	3.616	4.143	4.395	4.528	4.530	4.489	3
4	3.485E	3.394E	3.323E	3.243E	3.250E	3.458	3.625	4.155	4.401	4.521	4.528	4.484	4
5	3.481E	3.391E	3.320E	3.240E	3.255E	3.466	3.633	4.171	4.411	4.516	4.526	4.487	5
6	3.475E	3.389E	3.318E	3.238E	3.260E	3.469	3.642	4.194	4.427	4.518	4.524	4.485	6
7	3.471E	3.386E	3.316E	3.236E	3.265E	3.477	3.641	4.201	4.429	4.527	4.522	4.486	7
8	3.468E	3.384E	3.313E	3.234E	3.270E	3.479	3.669	4.204	4.433	4.532	4.525	4.485	8
9	3.464E	3.382E	3.310E	3.230E	3.275E	3.485	3.687	4.222	4.438	4.533	4.525	4.483	9
10	3.460E	3.380E	3.308E	3.228E	3.280E	3.491	3.702	4.220	4.446	4.538	4.528	4.476	10
11	3.456E	3.379E	3.305E	3.224E	3.287E	3.493	3.719	4.218	4.452	4.548	4.529	4.469	11
12	3.452E	3.377E	3.302E	3.221E	3.298E	3.496	3.734	4.236	4.459	4.555	4.527	4.461	12
13	3.450E	3.375E	3.300E	3.218E	3.304E	3.503	3.743	4.243	4.465	4.562	4.523	4.462	13
14	3.447E	3.372E	3.298E	3.218E	3.311E	3.506	3.753	4.242	4.473	4.564	4.520	4.458	14
15	3.445E	3.370E	3.295E	3.218E	3.320E	3.506	3.767	4.248	4.483	4.562	4.513	4.453	15
16	3.441E	3.368A	3.293E	3.217E	3.328E	3.508	3.789	4.266	4.488	4.561	4.509	4.453	16
17	3.438E	3.365E	3.290E	3.217E	3.332E	3.514	3.786	4.274	4.495	4.547	4.510	4.454	17
18	3.434E	3.362E	3.287E	3.217E	3.338E	3.524	3.804	4.288	4.508	4.563	4.515	4.452	18
19	3.431E	3.360E	3.285E	3.217E	3.347E	3.530	3.830	4.309	4.518	4.572	4.519	4.447	19
20	3.428E	3.358E	3.281E	3.217E	3.354E	3.528	3.850	4.316	4.523	4.573	4.514	4.442	20
21	3.428E	3.354E	3.280E	3.217E	3.360E	3.541	3.863	4.325	4.520	4.574	4.516	4.435	21
22	3.424E	3.350E	3.278E	3.218E	3.368E	3.543	3.895	4.331	4.522	4.574	4.520	4.428	22
23	3.422E	3.348E	3.275E	3.219E	3.375A	3.545	3.921	4.342	4.519	4.574	4.523	4.422	23
24	3.420E	3.345E	3.273E	3.220E	3.372	3.548	3.943	4.337	4.519	4.575	4.516	4.419	24
25	3.418E	3.342E	3.271E	3.221E	3.377	3.554	3.975	4.343	4.524	4.570	4.513	4.418	25
26	3.415E	3.340E	3.270E	3.222E	3.386	3.553	3.994	4.348	4.516	4.558	4.511	4.417	26
27	3.412E	3.338E	3.268E	3.224E	3.392	3.556	4.019	4.353	4.516	4.554	4.501	4.412	27
28	3.410E	3.335E	3.265E	3.227E	3.400	3.562	4.037	4.363	4.519	4.545	4.503	4.407	28
29	3.408E	3.332E	3.262E	3.230E	3.404	3.566	4.053	4.375	4.518	4.535	4.502	4.407	29
30	3.405E		3.258E	3.223E	3.411	3.584	4.089	4.376	4.525	4.533	4.497	4.400	30
31	3.403E		3.255E		3.418		4.092	4.379		4.531		4.400	31
MEAN	3.445	3.368	3.293	3.227	3.324	3.510	3.809	4.286	4.474	4.548	4.516	4.451	MEAN
MAX	3.505	3.400	3.330	3.251	3.418	3.584	4.092	4.379	4.525	4.575	4.531	4.496	MAX
MIN	3.403	3.332	3.255	3.217	3.237	3.429	3.606	4.110	4.385	4.516	4.497	4.400	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 3.855
MAXIMUM DAILY, 4.575 ON OCT 24
MINIMUM DAILY, 3.217E ON APR 16
MAXIMUM INSTANTANEOUS,
4.580 AT 17:50 CST ON OCT 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 59 49 10 N
LONG 109 24 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO 2

THEODORE RESERVOIR NEAR THEODORE - STATION NO 05MB009

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	497.776A	497.806	497.806	497.840	497.849	497.746	497.667	497.761	497.765	---	1
2	---	---	497.776E	497.822	497.805	497.841	497.849	497.743	497.667	497.764	497.770	---	2
3	---	---	497.776E	497.846	497.806	497.830	497.840	497.742	497.666	497.760	497.774	---	3
4	---	---	497.776E	497.866	497.807	497.827	497.831	497.746	497.664	497.755	497.779	---	4
5	---	---	497.776E	497.875	497.807	497.823	497.822	497.759	497.658	497.757	497.780A	---	5
6	---	---	497.776E	497.879	497.804	497.825	497.812	497.759	497.660	497.758	---	---	6
7	---	---	497.776E	497.882	497.802	497.837	497.808	497.754	497.663	497.756	---	---	7
8	---	---	497.776E	497.585	497.800	497.834	497.808	497.748	497.663	497.754	---	---	8
9	---	---	497.776E	497.886	497.792	497.831A	497.802	497.750	497.660	497.756	---	---	9
10	---	---	497.776E	497.887	497.828	497.830E	497.798	497.742	497.658	497.755	---	---	10
11	---	---	497.776E	497.882	497.850	497.825E	497.796	497.742	497.656	497.759	---	---	11
12	---	---	497.776E	497.877	497.873	497.825E	497.789	497.744	497.674	497.761	---	---	12
13	---	---	497.776E	497.877	497.893	497.820E	497.786	497.748	497.677	497.760	---	---	13
14	---	---	497.776E	497.874	497.896	497.810E	497.781	497.748	497.676	497.760	---	---	14
15	---	---	497.776E	497.872A	497.888	497.805E	497.775	497.739	497.675	497.763	---	---	15
16	---	---	497.778E	497.870E	497.906	497.800E	497.772	497.740	497.674	497.783	---	---	16
17	---	---	497.778E	497.865E	497.913	497.800E	497.763	497.737	497.677	497.777	---	---	17
18	---	---	497.778E	497.860E	497.894	497.795E	497.755	497.734	497.678	497.778	---	---	18
19	---	---	497.778E	497.855E	497.878	497.795E	497.760	497.728	497.675	497.782	---	---	19
20	---	---	497.778E	497.850E	497.872	497.795E	497.756	497.731	497.669	497.784	---	---	20
21	---	---	497.778E	497.845E	497.875	497.800E	497.759	497.725	497.688	497.782	---	---	21
22	---	---	497.778E	497.840E	497.869	497.800E	497.754	497.717	497.747	497.778	---	---	22
23	---	---	497.778E	497.840E	497.864	497.810E	497.748	497.714	497.749	497.779	---	---	23
24	---	---	497.778E	497.845E	497.870	497.825E	497.745	497.717	497.744	497.775	---	---	24
25	---	---	497.778E	497.848A	497.886	497.840E	497.743	497.714	497.748	497.767	---	---	25
26	---	---	497.780E	497.839	497.880	497.842A	497.742	497.714	497.750	497.778	---	---	26
27	---	---	497.780E	497.842	497.857	497.834	497.738	497.711	497.748	497.778	---	---	27
28	---	---	497.802A	497.829	497.851	497.845	497.730	497.702	497.748	497.774	---	---	28
29	---	---	497.808	497.813	497.850	497.848	497.729	497.689	497.747	497.773	---	---	29
30	---		497.810	497.811	497.851	497.852	497.747	497.680	497.750	497.769	---	---	30
31	---		497.804		497.851		497.748	497.673		497.770		---	31
MEAN	---	---	497.780	497.856	497.851	497.823	497.779	497.730	497.693	497.768	---	---	MEAN
MAX	---	---	497.810	497.888	497.913	497.852	497.848	497.759	497.750	497.784	---	---	MAX
MIN	---	---	497.776	497.806	497.792	497.795	497.729	497.673	497.656	497.754	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 497.913 ON MAY 17
MINIMUM DAILY, 497.656 ON SEP 11
MAXIMUM INSTANTANEOUS,
497.924 AT 00:51 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 28 32 N
LONG 102 50 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

THUNDER CREEK NEAR DARMODY - STATION NO 05JG012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 0028	0 027	0	0	0	0	0	0	---	---	1
2	---	---	0 0028	0 020	0	0	0	0	0	0	---	---	2
3	---	---	0 0028	0 013	0	0	0	0	0	0	---	---	3
4	---	---	0 0028	0 007	0	0	0	0	0	0	---	---	4
5	---	---	0 0028	0 004	0	0	0	0	0	0	---	---	5
6	---	---	0 0018	0 001	0	0	0	0	0	0	---	---	6
7	---	---	0 0018	0	0	0	0	0	0	0	---	---	7
8	---	---	0 0018	0	0	0	0	0	0	0	---	---	8
9	---	---	0 0018	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 0288	0	0	0	0	0	0	0	---	---	18
19	---	---	0 1218	0	0	0	0	0	0	0	---	---	19
20	---	---	0 2578	0	0	0	0	0	0	0	---	---	20
21	---	---	0 3678	0	0	0	0	0	0	0	---	---	21
22	---	---	0 1888	0	0	0	0	0	0	0	---	---	22
23	---	---	0 3588	0	0	0	0	0	0	0	---	---	23
24	---	---	0 333	0	0	0	0	0	0	0	---	---	24
25	---	---	0 224	0	0	0	0	0	0	0	---	---	25
26	---	---	0 179	0	0	0	0	0	0	0	---	---	26
27	---	0 0038	0 121	0	0	0	0	0	0	0	---	---	27
28	---	0 0028	0 083	0	0	0	0	0	0	0	---	---	28
29	---	0 0028	0 064	0	0	0	0	0	0	0	---	---	29
30	---		0 048	0	0	0	0	0	0	0	---	---	30
31	---		0 036		0		0	0		0		---	31
TOTAL	---	---	2 417	0 072	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 078	0 002	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 367	0 027	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 010
MAXIMUM DAILY, 0 3678 ON MAR 21
MINIMUM DAILY, 0B ON MAR 10
MAXIMUM INSTANTANEOUS,
0 6518 AT 09 26 CST ON MAR 21

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 38 33 N
LONG 106 16 45 W
DRAINAGE AREA, 988 km²

B - ICE CONDITIONS

REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	208	SEP	0
APR	6 22	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 215 dam³

THYME HILL RIVER BELOW MACKENZIE LAKE - STATION NO 06DB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6 58	4 50	3 93	3 01	28 0A	18 6	10 2	7 41	4 56	3 78	4 66	5 08	1
2	6 58	4 48	3 82	2 99	26 0A	18 7	10 3	7 34	4 56	3 81A	4 67	5 08	2
3	6 60	4 48	3 88	2 99	27 3A	18 4	10 2	7 22	4 67	3 51E	4 78	5 01	3
4	6 52	4 43	3 85	2 96	26 6A	18 3	9 99	7 08	4 38	3 50A	4 75	4 95	4
5	6 46	4 34	3 78	2 95	25 5A	18 1	9 78	6 95	4 34	3 61	4 73	4 90	5
6	6 37	4 34	3 75	2 96	24 2A	17 9	9 50	6 87	4 50	3 74	4 73	4 87A	6
7	6 25	4 30	3 71	2 95	23 2A	17 8	9 13	6 71	4 66	3 75	4 77	4 86	7
8	6 19	4 28	3 62	2 98	22 3A	17 2	9 09	6 68	4 30	3 63	4 82	4 87	8
9	6 08	4 24	3 55	3 01	21 7A	16 6	9 16	5 50	4 22	3 64	4 84	4 86	9
10	5 98	4 23	3 48	3 13	21 0	16 2	9 01	6 13	4 18	3 65	4 83	4 84	10
11	5 85	4 24	3 41	3 15	20 1A	15 0	8 81	6 60	4 17	3 62	4 85	4 82	11
12	5 74	4 21	3 36	3 16	19 3	15 3	8 74	6 44	4 15	3 65	4 83	4 79	12
13	5 61	4 17	3 31	3 20	18 8A	14 9	8 65	6 28	4 10	3 70	4 91	4 72	13
14	5 50	4 17	3 27	3 20	18 2A	14 3	8 43	6 34	4 04	3 74	4 85	4 65	14
15	5 48	4 15	3 22	3 23	17 7	14 4	8 31	5 98	3 89	3 75	5 10	4 62	15
16	5 42	4 18	3 13	3 35	17 7	14 0	8 23	5 86	3 89	4 13	5 08	4 58	16
17	5 32A	4 18	3 12	3 67	18 5	13 6	7 97	5 77	3 88	4 24	5 07	4 56	17
18	5 18A	4 13	3 12	4 58	18 4	13 1	7 95	5 68	3 87	4 27	5 04	4 48	18
19	5 10A	4 13	3 11	5 80	18 9	12 4	7 72	5 57	3 95	4 23	5 02	4 45	19
20	5 03E	4 12	3 12	7 29	20 9	12 2	7 54	5 87	3 95	4 24	5 08	4 40	20
21	4 94E	4 11	3 06	8 20	21 9	12 3	7 70	5 77	3 97	4 30	5 08	4 38	21
22	4 88E	4 09	3 03	11 4	22 4	12 2	7 85	5 49	4 03	4 35	5 09	4 31	22
23	4 84A	4 08	3 04	13 4	22 2	11 9	7 87	5 43	3 98	4 44A	5 18	4 24	23
24	4 82	4 02	3 06	14 3	22 2	11 4	7 56	5 43	3 88	4 43A	5 20	4 22	24
25	4 77	4 03	3 04	14 9 A	22 1	11 6	7 61	5 29	3 85	4 41	5 18	4 14	25
26	4 72	4 01	3 06	21 4 A	21 8	11 4	7 63	5 16	3 85	4 55	5 19	4 05A	26
27	4 69	3 98	3 07	24 0 A	21 3	11 1	7 58	5 06	3 84	4 58	5 17	3 82A	27
28	4 65	3 98	3 07	26 4 A	20 9	11 0	7 71	4 98	3 79	4 57	5 17	3 83	28
29	4 62	3 93	3 07	27 3 A	20 4	11 1	7 78	4 92	3 80	4 58	5 13	3 78A	29
30	4 58		3 04	27 8 A	20 0	10 5	7 77	5 06	3 78	4 61	5 08	3 72E	30
31	4 55		3 03		19 5		7 60	4 73		4 61		3 68E	31
TOTAL	169 87	121 47	103 21	267 06	673 0	432 5	282 95	186 64	123 16	125 62	148 98	139 64	TOTAL
MEAN	5 48	4 19	3 33	8 90	21 7	14 4	8 48	6 02	4 11	4 05	4 97	4 50	MEAN
MAX	6 60	4 50	3 93	27 8	28 0	18 7	10 3	7 41	4 66	4 61	5 20	5 08	MAX
MIN	4 55	3 93	3 03	2 95	17 7	10 5	7 54	4 73	3 78	3 50	4 66	3 68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 52
MAXIMUM DAILY, 28 0A ON MAY 1
MINIMUM DAILY, 2 95 ON APR 5
MAXIMUM INSTANTANEOUS,
28 2A AT 23 33 CST ON MAY 1

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 46 10 N
LONG 102 43 50 W
DRAINAGE AREA, 1 300 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 700	JUL	22 700
FEB	10 500	AUG	16 100
MAR	8 920	SEP	10 500
APR	23 100	OCT	10 900
MAY	58 100	NOV	12 900
JUN	37 400	DEC	12 100

TOTAL DISCHARGE, 238 000 dam³

TOBIN LAKE AT SQUAW RAPIDS SPILLWAY - STATION NO 05KD004

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	313 330	313 550	313 210	312 710	313 310	313 040	313 390	313 450	313 420	313 480	313 310	313 530	1
2	313 380	313 560	313 210	312 700	313 300	312 980	313 440	313 450	313 450	313 490	313 270	313 540	2
3	313 450	313 580	313 220	312 690	313 290	312 970	313 470	313 450	313 450	313 510	313 240	313 550	3
4	313 470	313 560	313 240	312 680	313 300	312 950	313 470	313 420	313 470	313 480	313 200	313 550	4
5	313 480	313 510	313 210	312 640	313 290	312 910	313 470	313 420	313 480	313 480	313 160	313 560	5
6	313 490	313 500	313 200	312 640	313 290	312 890	313 470	313 420	313 480	313 510	313 110	313 550	6
7	313 540	313 470	313 180	312 670	313 300	312 860	313 480	313 410	313 450	313 520	313 100	313 590	7
8	313 510	313 460	313 150	312 750	313 300	312 910	313 510	313 430	313 460	313 540	313 130	313 630	8
9	313 520	313 450	313 080	312 880	313 250	312 950	313 490	313 400	313 460	313 540	313 120	313 630	9
10	313 480	313 430	313 040	313 040	313 250	313 000	313 520	313 410	313 480	313 500	313 160	313 640	10
11	313 460	313 430	313 020	313 180	313 280	313 020	313 490	313 380	313 470	313 510	313 190	313 640	11
12	313 440	313 420	312 950	313 300	313 310	313 010	313 460	313 380	313 500	313 510	313 220	313 620	12
13	313 450	313 410	312 960	313 390	313 330	313 020	313 440	313 380	313 500	313 500	313 260	313 570	13
14	313 450	313 400	312 930	313 430	313 330	313 030	313 450	313 380	313 530	313 510	313 280	313 530	14
15	313 450	313 380	312 890	313 480	313 310	313 040	313 480	313 380	313 550	313 460	313 290	313 500	15
16	313 480	313 370	312 850	313 510	313 320	313 040	313 530	313 380	313 550	313 490	313 290	313 500	16
17	313 480	313 380	312 800	313 520	313 320	313 070	313 510	313 380	313 540	313 500	313 270	313 510	17
18	313 470	313 330	312 800	313 560	313 330	313 100	313 520	313 360	313 520	313 490	313 300	313 480	18
19	313 490	313 330	312 810	313 560	313 350	313 100	313 490	313 350	313 500	313 450	313 300	313 470	19
20	313 490	313 330	312 820	313 530	313 330	313 100	313 490	313 350	313 480	313 460	313 320	313 480	20
21	313 500	313 320	312 810	313 490	313 390	313 220	313 510	313 310	313 460	313 480	313 330	313 400	21
22	313 520	313 330	312 780	313 460	313 400	313 250	313 540	313 330	313 520	313 480	313 350	313 380	22
23	313 550	313 320	312 760	313 390	313 390	313 300	313 530	313 310	313 550	313 490	313 360	313 360	23
24	313 500	313 340	312 760	313 390	313 400	313 360	313 500	313 320	313 550	313 530	313 420	313 360	24
25	313 550	313 300	312 770	313 340	313 380	313 400	313 470	313 310	313 540	313 510	313 420	313 380	25
26	313 560	313 310	312 770	313 300	313 330	313 400	313 440	313 320	313 560	313 510	313 470	313 410	26
27	313 550	313 300	312 730	313 300	313 300	313 410	313 440	313 310	313 540	313 510	313 490	313 400	27
28	313 550	313 270	312 700	313 280	313 280	313 410	313 450	313 350	313 530	313 470	313 490	313 400	28
29	313 540	313 240	312 720	313 300	313 200	313 400	313 440	313 410	313 500	313 450	313 500	313 400	29
30	313 540		312 720	313 310	313 130	313 400	313 430	313 390	313 470	313 380	313 510	313 420	30
31	313 550		312 720		313 090		313 440	313 400		313 380		313 430	31
MEAN	313 491	313 399	312 928	313 179	313 302	313 118	313 478	313 378	313 499	313 488	313 285	313 496	MEAN
MAX	313 560	313 580	313 240	313 560	313 400	313 410	313 540	313 450	313 560	313 540	313 510	313 640	MAX
MIN	313 330	313 240	312 700	312 640	313 090	312 850	313 390	313 310	313 420	313 380	313 100	313 380	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 313 338
MAXIMUM DAILY, 313 640 ON DEC 10
MINIMUM DAILY, 312 640 ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 41 10 N
LONG 103 20 50 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TORCH RIVER NEAR LOVE - STATION NO 05KE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 29 B	1 00 B	1 03 B	1 78B	9 45	64 4	28 2	5 12	2 95E	4 72	6 10B	2 48B	1
2	1 32 B	1 02 B	1 13 B	1 84B	8 86	61 0	27 9	4 61	3 25E	4 63	5 53B	2 53B	2
3	1 35 B	1 04 B	1 19 B	1 87B	8 36	56 3	27 0	4 24	3 65E	4 58	4 87B	2 60B	3
4	1 27 B	1 01 B	1 25 B	1 89B	8 02	53 1	25 9	3 82	4 00E	4 49	5 06B	2 61B	4
5	1 18 B	0 9108	1 20 B	1 90B	7 69	51 1	22 1	3 44	4 25E	4 47	5 40B	2 43B	5
6	1 16 B	0 8798	1 12 B	2 30B	7 37	50 4	18 6	3 00	4 43E	4 40	5 66B	2 25B	6
7	1 09 B	0 9408	1 11 B	4 57B	6 97	57 5	14 6	2 61	4 58E	4 27	5 11B	2 33B	7
8	1 10 B	0 9288	1 02 B	9 88B	6 70	65 1	10 1	2 41	4 70E	4 21	5 07B	2 54B	8
9	1 07 B	0 9200	1 04 B	16 8 B	6 49	68 5	8 56	2 33	4 75E	4 15	4 02B	2 88B	9
10	0 9678	0 8768	1 05 B	20 8 B	7 01	75 8	7 50	2 33	4 73E	4 10	4 20B	3 17B	10
11	1 13 B	0 8288	1 06 B	24 8 B	8 91	76 3	6 96	2 17	4 68A	4 05	4 20B	3 36B	11
12	1 24 B	0 8238	1 04 B	26 8 B	11 4	72 5	6 25	1 91	4 65	4 00	3 47B	3 43B	12
13	1 29 B	0 8278	1 02 B	27 1 B	13 0	68 4	5 98	1 82A	4 42	4 00	3 76B	2 82B	13
14	1 18 B	0 8048	0 9708	26 5 B	13 4	64 3	5 97	2 03	4 25	3 98	3 38B	2 24B	14
15	1 06 B	0 7588	0 9638	24 8 B	13 6	60 4	6 82	1 75	3 96	3 92	2 83B	2 14B	15
16	0 9578	0 6818	0 9318	25 5	13 3	57 2	8 72	1 56	3 88	4 61	2 49B	2 52B	16
17	0 9858	0 6988	0 9588	25 7	14 4	55 9	9 14	1 44	3 36	5 88	2 80B	3 08B	17
18	1 01 B	0 7278	1 03 B	25 5	24 4	55 0	8 40	1 43	3 13	7 29	2 85B	3 53B	18
19	1 14 B	0 7268	1 06 B	23 2	38 2	52 9	7 53	1 39A	2 92	7 84	2 72B	3 88B	19
20	1 20 B	0 7248	1 02 B	20 9	45 4	50 1	7 27	2 73	2 73	8 23	2 96B	3 78B	20
21	1 27 B	0 7698	0 8538	18 9	51 0	44 7	7 52	2 00E	2 81	8 36	3 05B	3 69B	21
22	1 23 B	0 8108	0 7688	17 5	58 5	42 1	8 72A	1 45E	3 29	8 63	2 88B	3 19B	22
23	1 07 B	0 8488	0 8028	16 3	67 5	42 2	9 09A	1 41E	3 67	8 83	2 90B	2 97B	23
24	1 11 B	0 8598	0 8838	15 2	76 3	40 4	7 88	1 42E	4 20	8 54B	3 27B	2 72B	24
25	1 14 B	0 8768	1 04 B	14 3	78 2	38 3	7 56	1 47E	4 36	8 52B	3 10B	2 43B	25
26	0 9678	0 8788	1 13 B	13 4	76 8	36 0	7 57	1 57E	4 62	7 28B	2 92B	2 13B	26
27	1 03 B	0 8278	1 17 B	12 7	73 4	34 6	7 26	1 69A	4 72	8 15B	2 76B	1 87B	27
28	1 08 B	0 8318	1 20 B	11 6	68 7	33 6	6 45E	1 85E	4 71	5 56B	2 56B	1 75B	28
29	1 10 B	0 9648	1 27 B	11 0	65 5	32 3	5 75A	2 15E	4 80	4 91B	2 50B	1 63B	29
30	1 04 B		1 40 B	10 2	62 7	30 8	5 58	2 40E	4 79	4 68B	2 51B	1 67B	30
31	1 01 B		1 56 B		65 6		5 44	2 65E		4 56B		1 53B	31
TOTAL	35 036	24 787	33 278	455 57	1 017 15	1 591 2	343 32	72 20	121 04	172 84	110 94	82 38	TOTAL
MEAN	1 13	0 855	1 07	15 2	32 8	53 0	11 1	2 33	4 03	5 58	3 70	2 66	MEAN
MAX	1 35	1 04	1 56	27 1	78 2	76 3	29 2	5 12	4 80	8 83	6 10	3 88	MAX
MIN	0 957	0 681	0 768	1 78	6 49	30 8	5 44	1 39	2 73	3 92	2 49	1 53	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11 1
MAXIMUM DAILY, 78 2 ON MAY 25
MINIMUM DAILY, 0 681B ON FEB 16
MAXIMUM INSTANTANEOUS,
78 7 AT 23 33 CST ON MAY 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 35 15 N
LONG 104 09 40 W
DRAINAGE AREA, 4 650 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 030	JUL	29 700
FEB	2 140	AUG	6 240
MAR	2 880	SEP	10 500
APR	39 400	OCT	14 900
MAY	87 900	NOV	9 590
JUN	137 000	DEC	7 120

TOTAL DISCHARGE, 360 000 dam³

TURTLE LAKE NEAR GLASLYN - STATION NO 05EG005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	654.919	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	654.918	---	---	---	---	3
4	---	---	---	---	---	---	654.954	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	654.926	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	654.961	---	---	---	---	---	10
11	---	---	---	---	---	654.976	---	654.872	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	654.983	---	---	---	---	654.787	---	13
14	---	---	---	---	---	654.969	654.971	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	654.974	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	654.927	654.875	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	654.821	---	---	654.871	---	---	---	---	22
23	---	---	---	---	654.803	---	654.933	654.843	---	---	---	---	23
24	---	---	---	---	---	---	654.932	---	---	---	---	---	24
25	---	---	---	---	654.848	---	654.932	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	654.853	---	---	654.842	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	654.976	---	---	---	---	---	---	30
31	---		---		---		654.919	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 36 50 N
LONG 108 35 07 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TURTLELAKE RIVER NEAR TURTLEFORD - STATION NO 05EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0608	1.72	1.24	0.607	0.617	0.001	0.001	0.052	0.1158	---	1
2	---	---	0.0618	2.17	0.801	0.585	0.378	0.001	0.001	0.044	0.1148	---	2
3	---	---	0.0638	3.27	0.611	1.01	0.303	0.001	0.001	0.042	0.1138	---	3
4	---	---	0.0648	1.95	0.389	0.844	0.293	0.001	0.001	0.061	0.1128	---	4
5	---	---	0.0688	1.97	0.300	0.770	0.249	0.001	0.002	0.092	0.1118	---	5
6	---	---	0.0798	1.32	0.180	0.361	0.210	0.001	0.378	0.100	0.1108	---	6
7	---	---	0.0858	1.06	0.236	0.527	0.145	0.001	0.252	0.114	0.1098	---	7
8	---	---	0.0898	0.998	0.282	0.825	0.102	0.033	0.135	0.102	---	---	8
9	---	---	0.0928	0.928	0.457	1.19	0.082	0.078	0.001	0.118	---	---	9
10	---	---	0.0928	0.868	0.385	0.916	0.063	0.081	0.001	0.124	---	---	10
11	---	---	0.0968	0.828	0.526	0.725	0.042	0.085	0.001	0.254	---	---	11
12	---	---	0.1008	0.865	0.714	0.481	0.035	0.086	0.001	0.234	---	---	12
13	---	---	0.1018	0.911	0.678	0.275	0.076	0.088	0.001	0.194	---	---	13
14	---	---	0.0988	0.787	0.737	0.172	0.120	0.084	0.001	0.147	---	---	14
15	---	---	0.1008	0.661	0.471	0.115	0.106	0.073	0.001	0.118	---	---	15
16	---	---	0.1018	0.328	0.498	0.243	0.151	0.057	0.001	0.149	---	---	16
17	---	---	0.1018	0.357	1.61	0.348	0.274	0.040	0.001	0.275	---	---	17
18	---	---	0.0998	1.24	1.55	0.445	0.239	0.024	0.002	0.045	---	---	18
19	---	---	0.094	0.909	1.32	0.408	0.194	0.014	0.006	0.098	---	---	19
20	---	---	0.104	0.242	1.24	0.680	0.168	0.009	0.207	0.195	---	---	20
21	---	---	0.122	0.178	1.29	0.260	0.158	0.006	0.018	0.2084	---	---	21
22	---	---	0.135	0.154	1.54	0.335	0.144	0.005	0.001	0.2152	---	---	22
23	---	---	0.158	0.216	1.49	0.382	0.126	0.001	0.001	0.2102	---	---	23
24	---	---	0.184	0.283	1.70	0.411	0.124	0.001	0.001	0.1982	---	---	24
25	---	---	0.254	0.288	1.55	0.539	0.136	0.001	0.001	0.1752	---	---	25
26	---	---	0.324	0.448	1.47	0.280	0.127	0.001	0.027	0.1508	---	---	26
27	---	---	0.450	0.419	1.59	0.440	0.123	0.001	0.086	0.1368	---	---	27
28	---	---	0.548	0.360	1.25	0.578	0.102	0.001	0.094	0.1248	---	---	28
29	---	0.0628	0.893	0.414	1.03	0.596	0.070	0.001	0.095	0.1188	---	---	29
30	---		1.74	1.08	0.783	0.541	0.023	0.001	0.086	0.1178	---	---	30
31	---		1.70		0.604		0.002	0.001		0.1168		---	31
TOTAL	---	---	8.250	25.146	28.510	15.885	4.986	0.781	1.389	4.327	---	---	TOTAL
MEAN	---	---	0.266	0.838	0.920	0.529	0.161	0.025	0.047	0.140	---	---	MEAN
MAX	---	---	1.74	2.27	1.70	1.19	0.612	0.086	0.378	0.275	---	---	MAX
MIN	---	---	0.060	0.135	0.180	0.115	0.002	0.001	0.001	0.042	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.384
MAXIMUM DAILY, 2.27 ON APR 3
MINIMUM DAILY, 0.001 ON AUG 1
MAXIMUM INSTANTANEOUS,
2.93 AT 11:43 CST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 33 37 N
LONG 108 37 04 W
DRAINAGE AREA, 2 310 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	431
FEB	---	AUG	97.5
MAR	714	SEP	121
APR	2 170	OCT	374
MAY	2 460	NOV	---
JUN	1 370	DEC	---

TOTAL DISCHARGE, 7 710 dam³

UNNAMED CREEK NEAR CUTBANK - STATION NO 05MP022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0	0	0	0	0	0	---	---	1
2	---	---	0	0	0	0	0	0	0	0	---	---	2
3	---	---	0	0	0	0	0	0	0	0	---	---	3
4	---	---	0	0	0	0	0	0	0	0	---	---	4
5	---	---	0	0	0	0	0	0	0	0	---	---	5
6	---	---	0	0	0	0	0	0	0	0	---	---	6
7	---	---	0	0	0	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0.003	0	0	0	0	0	0	---	---	21
22	---	---	0	0.089	0	0	0	0	0	0	---	---	22
23	---	---	0	0.143	0	0	0	0	0	0	---	---	23
24	---	---	0	0.098	0	0	0	0	0	0	---	---	24
25	---	---	0	0.039	0	0	0	0	0	0	---	---	25
26	---	---	0	0.005	0	0	0	0	0	0	---	---	26
27	---	---	0	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	0.358	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.012	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.143	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.143 ON APR 23
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS
0.185 AT 12 50 CST ON APR 23

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 21 28 N
LONG 106 52 15 W
DRAINAGE AREA, 189 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	30.9	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 30.9 dam³

VAL MARIE PUMP NO. 1 - STATION NO 11AC054

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	0.173	0	0	0	0	0	---	---	1
2	---	---	0	0	0.185	0	0	0	0	0	---	---	2
3	---	---	0	0	0.215	0	0	0	0	0	---	---	3
4	---	---	0	0	0.178	0	0	0	0	0	---	---	4
5	---	---	0	0	0.167	0	0	0	0	0	---	---	5
6	---	---	0	0	0.175	0	0	0	0	0	---	---	6
7	---	---	0	0	0.081	0	0	0	0	0	---	---	7
8	---	---	0	0	0	0	0	0	0	0	---	---	8
9	---	---	0	0	0	0	0	0	0	0	---	---	9
10	---	---	0	0	0	0	0	0	0	0	---	---	10
11	---	---	0	0	0	0	0	0	0	0	---	---	11
12	---	---	0	0	0	0	0	0	0	0	---	---	12
13	---	---	0	0	0	0	0	0	0	0	---	---	13
14	---	---	0	0	0	0	0	0	0	0	---	---	14
15	---	---	0	0	0	0	0	0	0	0	---	---	15
16	---	---	0	0	0	0	0	0	0	0	---	---	16
17	---	---	0	0	0	0	0	0	0	0	---	---	17
18	---	---	0	0	0	0	0	0	0	0	---	---	18
19	---	---	0	0	0	0	0	0	0	0	---	---	19
20	---	---	0	0	0	0	0	0	0	0	---	---	20
21	---	---	0	0	0	0	0	0	0	0	---	---	21
22	---	---	0	0	0	0	0	0	0	0	---	---	22
23	---	---	0	0	0	0	0	0	0	0	---	---	23
24	---	---	0	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0.163	0	0	0	0	0	0	---	---	25
26	---	---	0	0.271	0	0	0	0	0	0	---	---	26
27	---	---	0	0.256	0	0	0	0	0	0	---	---	27
28	---	---	0	0.195	0	0	0	0	0	0	---	---	28
29	---	---	0	0.113	0	0	0	0	0	0	---	---	29
30	---		0	0.202	0	0	0	0	0	0	---	---	30
31	---		0		0		0	0		0		---	31
TOTAL	---	---	0	1.200	1.172	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.040	0.038	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0.271	0.215	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.010
MAXIMUM DAILY, 0.271 ON APR 26
MINIMUM DAILY, 0 ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 21 44 N
LONG 107 50 51 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	104	OCT	0
MAY	101	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 205 dam³

VAN PATTENS CREEK NEAR KUROKI - STATION NO 05MB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	1.57 B	0 094	0 045	0	0	0	0	---	---	1
2	---	---	0 B	1 84 B	0 082	0 043	0	0	0	0	---	---	2
3	---	---	0 B	1 75	0 076	0 040	0	0	0	0	---	---	3
4	---	---	0 B	1 68	0 065	0 038	0	0	0	0	---	---	4
5	---	---	0 B	1 72	0 052	0 035	0	0	0	0	---	---	5
6	---	---	0 B	1.85	0 047	0 033	0	0	0	0	---	---	6
7	---	---	0 B	1 26	0 055	0 031	0 008	0	0	0	---	---	7
8	---	---	0 B	1 11	0 042	0 030	0 032	0	0	0	---	---	8
9	---	---	0 B	0 865	0 051	0 028	0 003	0	0	0	---	---	9
10	---	---	0 B	0 861	0 046	0 027	0 093	0	0	0	---	---	10
11	---	---	0 B	0 716	0 052	0 026	0 110	0	0	0	---	---	11
12	---	---	0 B	0 514	0 047	0 024	0 085	0	0	0	---	---	12
13	---	---	0 B	0 398	0 091	0 025	0 054	0	0	0	---	---	13
14	---	---	0 B	0 310	0 121	0 024	0 031	0	0	0	---	---	14
15	---	---	0 B	0 266	0 119	0 021	0 015	0	0	0	---	---	15
16	---	---	0 B	0 223	0 114	0 021	0 009	0	0	0	---	---	16
17	---	---	0 B	0 178	0 132	0 025	0 002	0	0	0	---	---	17
18	---	---	0 B	0 143	0 124	0 024	0	0	0	0	---	---	18
19	---	---	0 B	0 138	0 137	0 021	0	0	0	0	---	---	19
20	---	---	0 B	0 128	0 183	0 020	0	0	0	0	---	---	20
21	---	---	0 B	0 113	0 155	0 021	0	0	0	0	---	---	21
22	---	---	0 B	0 113	0 116	0 032	0	0	0	0	---	---	22
23	---	---	0 0378	0 105	0 090	0 033	0	0	0	0	---	---	23
24	---	---	0 0068	0 100	0 102	0 034	0	0	0	0	---	---	24
25	---	---	0 0368	0 097	0 147	0 028	0	0	0	0	---	---	25
26	---	---	0 0248	0 095	0 230	0 015	0	0	0	0	---	---	26
27	---	---	0 1118	0 093	0 119	0 008	0	0	0	0	---	---	27
28	---	---	0 8038	0 884	0 069	0 008	0	0	0	0	---	---	28
29	---	---	1 17 B	0 085	0 054	0 004	0	0	0	0	---	---	29
30	---	---	1 49 B	0 086	0 053	0	0	0	0	0	---	---	30
31	---	---	1 52 B		0 049		0	0		0	---	---	31
TOTAL	---	---	5 297	18 395	2 894	0 765	0 442	0	0	0	---	---	TOTAL
MEAN	---	---	0 171	0 613	0 093	0 026	0 014	0	0	0	---	---	MEAN
MAX	---	---	1 52	1 84	0 230	0 046	0 110	0	0	0	---	---	MAX
MIN	---	---	0	0 093	0 042	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 113
MAXIMUM DAILY, 1 848 ON APR 2
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
2 128 AT 11 12 CST ON MAR 30

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 52 03 N
LONG 103 35 11 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	38 2
FEB	---	AUG	0
MAR	458	SEP	0
APR	1 690	OCT	0
MAY	250	NOV	---
JUN	86 1	DEC	---

TOTAL DISCHARGE, 2 400 dam³

REMARKS - A SIGNIFICANT PORTION OF FLOW NOW BYPASSES THE GAUGE AND IS NOT INCLUDED IN THESE RECORDS

VIDORA DITCH NEAR CONSUL - STATION NO 11AB084

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0B	0 194A	0	0	0	0	0	---	---	1
2	---	---	0B	0B	1 14	0	0	0	0	0	---	---	2
3	---	---	0B	0B	1 09	0	0	0	0	0	---	---	3
4	---	---	0B	0B	1 13	0	0	0	0	0	---	---	4
5	---	---	0B	0B	1 20	0	0	0	0	0	---	---	5
6	---	---	0B	0B	1 18	0	0	0	0	0	---	---	6
7	---	---	0B	0B	1 14	0	0	0	0	0	---	---	7
8	---	---	0B	0B	1 10	0	0	0	0	0	---	---	8
9	---	---	0B	0B	0 860	0	0	0	0	0	---	---	9
10	---	---	0B	0B	0 976	0	0	0	0	0	---	---	10
11	---	---	0B	0B	0 912	0	0	0	0	0	---	---	11
12	---	---	0B	0B	0 85'	0	0	0	0	0	---	---	12
13	---	---	0B	0B	0 865	0	0	0	0	0	---	---	13
14	---	---	0B	C	0 890	0	0	0	0	0	---	---	14
15	---	---	0B	0	0 873	0	0	0	0	0	---	---	15
16	---	---	0B	0	0 700	0	0	0	0	0	---	---	16
17	---	---	0B	0	0 620	C	0	0	0	0	---	---	17
18	---	---	0B	0	0 583	0	0	0	0	0	---	---	18
19	---	---	0B	0	0 503	0	0	0	0	0	---	---	19
20	---	---	0B	0	0 327	0	0	0	0	0	---	---	20
21	---	---	0B	0	0 026	0	0	0	0	0	---	---	21
22	---	---	0B	0	0 019	0	0	0	0	0	---	---	22
23	---	---	0B	0	0 001	0	0	0	0	0	---	---	23
24	---	---	0B	0	0	0	0	0	0	0	---	---	24
25	---	---	0B	0	0	0	0	0	0	0	---	---	25
26	---	---	0B	0	0	0	0	0	0	0	---	---	26
27	---	0B	0B	0	0	0	0	0	0	0	---	---	27
28	---	0B	0B	0	0	0	0	0	0	0	---	---	28
29	---	0B	0B	0	0	0	0	0	0	0	---	---	29
30	---		0B	0	0		0	0		0	---	---	30
31	---		0B		0		0	0		0	---	---	31
TOTAL	---	---	0	0	17 150	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0 553	0	0	0	0	0	---	---	MEAN
MAX	---	---	0	0	1 20	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 070
MAXIMUM DAILY, 1 20 ON MAY 5
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 27 27 N
LONG 109 35 30 W

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	1 480	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 1 480 dam³

WAKAW LAKE NEAR WAKAW - STATION NO OSKA012

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	--	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	509 467	---	---	---	---	---	---	3
4	---	---	---	---	---	---	509 431	---	509 200	---	---	---	4
5	---	---	---	---	---	509 463	---	---	---	---	---	---	5
6	---	---	---	---	---	---	509 409	---	---	509 228	---	509 329	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	509 321	---	---	---	---	9
10	---	---	---	---	---	509 513	---	---	---	509 217	---	---	10
11	---	---	---	---	---	509 509	509 389	509 307	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	509 387	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	509 481	---	---	---	509 205	---	---	---	15
16	---	---	---	509 527	---	---	---	509 287	---	---	---	---	16
17	---	---	---	---	---	---	---	509 287	---	---	---	---	17
18	---	---	---	---	---	---	---	509 285	509 197	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	509 390	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	509 263	---	---	21
22	---	---	---	---	---	---	---	509 256	---	---	---	---	22
23	---	---	---	---	---	509 492	---	509 256	---	---	---	---	23
24	---	---	---	---	---	509 494	---	---	---	---	---	---	24
25	---	---	---	---	509 512	---	509 388	509 248	---	---	---	---	25
26	---	---	---	---	---	509 484	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	509 474	---	---	---	---	---	---	28
29	---	---	---	---	509 502	---	---	509 246	---	---	---	---	29
30	---		---	---	509 487	509 450	---	---	509 238	---	---	---	30
31	---		---		---		509 348	509 208		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 38 41 N
LONG 105 37 34 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WALDSEA LAKE NEAR HUMBOLDT - STATION NO OSKA010

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	532 361	532 314	532 218	532 046	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	532 016	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	532 358	---	---	---	---	---	---	---	15
16	---	---	---	---	---	532 363	532 304	532 120	---	---	---	---	16
17	---	---	---	---	---	---	---	---	532 016	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	532 008	---	21
22	---	---	---	---	---	---	---	532 120	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	532 111	---	---	---	---	28
29	---	---	---	---	---	---	---	532 111	532 016	---	---	---	29
30	---		---	---	---	532 314	---	---	---	---	---	---	30
31	---		---		532 361		532 218	532 046		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 52 18 46 N
LONG 105 11 33 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WASCANA CREEK BELOW KRONAU MARSH - STATION NO 05JF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	8 45	0 183	0 008	0 004	0	0	0	---	---	1
2	---	---	0 B	7 18	0 179	0 003	0 003	0	0	0	---	---	2
3	---	---	0 B	5 48	0 147	0 004	0 002	0	0	0	---	---	3
4	---	---	0 B	4 07	0 102	0 004	0 001	0	0	0	---	---	4
5	---	---	0 B	2 97	0 075	0 002	0 001	0	0	0	---	---	5
6	---	---	0 B	2 18	0 068	0 002	0	0	0	0	---	---	6
7	---	---	0 B	1 86	0 076	0 002	0	0	0	0	---	---	7
8	---	---	0 B	1 52	0 082	0 004	0	0	0	0	---	---	8
9	---	---	0 B	1 34	0 081	0 006	0	0	0	0	---	---	9
10	---	---	0 B	1 29	0 086	0 007	0	0	0	0	---	---	0
11	---	---	0 B	1 08	0 077	0 008	0	0	0	0	---	---	1
12	---	---	0 B	0 926	0 057	0 007	0	0	0	0	---	---	12
13	---	---	0 B	0 763	0 068	0 007	0	0	0	0	---	---	13
14	---	---	0 B	0 554	0 070	0 008	0	0	0	0	---	---	14
15	---	---	0 B	0 463	0 065	0 006	0	0	0	0	---	---	15
16	---	---	0 B	0 367	0 028	0 005	0	0	0	0	---	---	16
17	---	---	0 B	0 298	0 045	0 004	0	0	0	0	---	---	17
18	---	---	0 B	0 235	0 065	0 009	0	0	0	0	---	---	18
19	---	---	0 B	0 165	0 078	0 011	0	0	0	0	---	---	19
20	---	---	0 B	0 132	0 060	0 009	0	0	0	0	---	---	20
21	---	---	0 B	0 145	0 033	0 008	0	0	0	0	---	---	21
22	---	---	0 B	0 118	0 037	0 010	0	0	0	0	---	---	22
23	---	---	1 348	0 106	0 033	0 014	0	0	0	0	---	---	23
24	---	---	3 138	0 101	0 024	0 028	0	0	0	0	---	---	24
25	---	---	6 948	0 095	0 037	0 023	0	0	0	0	---	---	25
26	---	---	9 648	0 072	0 028	0 019	0	0	0	0	---	---	26
27	---	---	10 5	0 027	0 024	0 023	0	0	0	0	---	---	27
28	---	---	10 7	0 117	0 027	0 015	0	0	0	0	---	---	28
29	---	---	10 6	0 233	0 038	0 017	0	0	0	0	---	---	29
30	---	---	10 1	0 174	0 020	0 008	0	0	0	0	---	---	30
31	---	---	9 32		0 010		0			0		---	31
TOTAL	---	---	72 41	42 310	1 942	0 283	0 011	0	0	0	---	---	TOTAL
MEAN	---	---	2 34	1 41	0 063	0 009	0	0	0	0	---	---	MEAN
MAX	---	---	10 7	8 45	0 183	0 028	0 004	0	0	0	---	---	MAX
MIN	---	---	0	0 027	0 010	0 002	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0 477
MAXIMUM DAILY 10 7 ON MAR 28
MINIMUM DAILY 0 08 ON MAR 1
MAXIMUM INSTANTANEOUS
10 8 AT 17 54 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 07 N
LONG 104 28 03 W
DRAINAGE AREA 2 880 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0 35
FEB	---	AUG	0
MAR	6 260	SEP	0
APR	3 660	OCT	0
MAY	168	NOV	---
JUN	24 5	DEC	---

TOTAL DISCHARGE, 10 100 dam³

WASCANA CREEK NEAR LUMSDEN - STATION NO 05JF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 4708	0 9808	1 10 B	14 9 B	0 906	0 755	0 755	2 23	0 746	0 595	0 6348	0 8558	1
2	0 4808	0 9408	1 05 B	13 6 B	0 885	0 785	0 761	1 70	0 613	0 585	0 8908	0 8248	2
3	0 4908	0 9008	1 00 B	12 7 B	0 895	0 787	0 756	1 09	0 281	0 684	0 8978	0 8198	3
4	0 5008	0 9308	0 9608	11 3 B	0 944	0 809	0 758	0 945	0 191	0 681	0 7358	0 8698	4
5	0 5258	0 9408	0 9008	10 5 B	1 65	0 769	0 759	0 816	0 112	0 676	0 7368	0 8908	5
6	0 5358	0 9308	0 8808	9 18 B	1 47	0 768	0 754	0 736	0 101	0 692	0 8018	0 8038	6
7	0 5508	0 8508	0 8208	7 97 B	1 16	0 818	0 785	0 865	0 080	0 647	0 8998	0 7798	7
8	0 3008	0 8908	0 7908	7 31 B	1 10	1 07	0 817	0 724	0 053	0 684	0 7148	0 7478	8
9	0 2008	0 5808	0 7608	5 74 B	1 00	1 01	0 958	0 754	0 054	0 686	0 7178	0 7118	9
10	0 1208	0 5508	0 7408	5 00 B	0 985	0 986	0 822	0 795	0 036	0 692	0 7008	0 6738	10
11	0 1008	0 5608	0 7208	3 25 B	1 05	1 04	0 725	0 834	0 022	0 715	0 7048	0 6328	11
12	0 1008	0 6508	0 7008	2 94 B	1 03	0 825	0 825	0 862	0 036	0 624	0 6978	0 7458	12
13	0 1008	0 8008	0 6908	2 52	0 950	0 883	0 589	0 869	0 409	0 616	0 6828	0 5438	13
14	0 1408	0 7708	0 6808	2 25	0 903	1 02	0 691	1 19	0 823	0 708	0 6908	0 3508	14
15	0 2008	0 7408	0 6788	2 06	0 859	1 00	0 832	0 935	0 702	0 718	0 6328	0 3008	15
16	0 3858	0 7008	0 6508	1 90	0 848	1 02	0 608	0 854	0 634	0 789	0 5908	0 4008	16
17	0 3448	0 6608	0 6258	1 76	1 09	1 09	0 726	0 797	0 580	0 809	0 7658	0 5828	17
18	0 4608	0 6308	0 6008	1 62	1 66	1 16	0 696	0 766	0 522	0 876	0 8248	0 5468	18
19	0 7108	0 6008	0 5808	1 54	1 24	1 03	0 728	0 775	0 340	1 05	0 8458	0 5288	19
20	0 4628	0 6408	0 5708	1 33	1 01	1 01	0 667	0 826	0 200	1 38	0 8648	0 3178	20
21	0 5788	0 7008	0 5608	1 34	0 887	1 10	0 629	0 955	0 404	1 45	0 8598	0 3408	21
22	0 6688	0 8808	2 79 B	1 24	0 821	1 58	0 618	0 984	0 783	1 34	0 8218	0 2778	22
23	0 4598	0 7608	3 65 B	1 17	0 814	1 76	0 631	0 836	2 23	1 07	0 8828	0 2208	23
24	0 3608	0 6988	5 87 B	1 11	0 788	1 51	0 658	0 727	1 50	0 914	0 7278	0 2108	24
25	0 3008	0 6748	7 71 B	1 06	0 668	1 09	0 664	0 602	0 933	0 867	0 7628	0 2008	25
26	0 3208	0 5948	9 52 B	1 01	0 681	0 882	0 648	0 605	0 811	0 949	0 7938	0 2408	26
27	0 3508	0 5748	11 8 B	0 958	0 737	0 555	0 528	0 374	0 786	0 8838	0 7498	0 3008	27
28	0 4008	0 6008	14 6 B	0 946	0 732	0 893	0 542	0 212	0 720	0 5998	0 7328	0 3878	28
29	0 5008	1 20 B	17 1 B	0 930	0 729	0 794	0 559	0 128	0 713	0 9188	0 7808	0 5608	29
30	1 00 B		16 3 B	0 934	0 684	0 783	0 611	0 082	0 698	0 7508	0 8078	0 6008	30
31	1 00 B		15 6 B		0 805		0 934	0 476		0 7498		0 5808	31
TOTAL	13 886	22 028	120 990	130 068	30 111	28 495	21 749	25 117	15 991	25 502	22 127	15 809	TOTAL
MEAN	0 451	0 760	3 90	4 34	0 971	0 883	0 702	0 810	0 533	0 823	0 738	0 542	MEAN
MAX	1 00	1 20	17 1	14 8	1 66	1 76	0 959	2 23	2 23	1 45	0 884	0 880	MAX
MIN	0 100	0 550	0 560	0 930	0 668	0 555	0 528	0 082	0 022	0 588	0 580	0 200	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1 30
MAXIMUM DAILY 17 18 ON MAR 29
MINIMUM DAILY 0 022 ON SEP 11
MAXIMUM INSTANTANEOUS
17 48 AT 21 34 CST ON MAR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 10 N
LONG 104 54 35 W
DRAINAGE AREA 4 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	1 880
FEB	1 800	AUG	2 170
MAR	10 500	SEP	1 380
APR	11 200	OCT	2 200
MAY	2 800	NOV	1 910
JUN	2 550	DEC	1 480

TOTAL DISCHARGE, 41 000 dam³

WASCANA CREEK NEAR SEDLEY - STATION NO 05JF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 8	1 63	0 012	0	0	0	0	0	---	---	1
2	---	---	0 8	1 24	0 010	0	0	0	0	0	---	---	2
3	---	---	0 8	0 921	0 009	0	0	0	0	0	---	---	3
4	---	---	0 8	0 714	0 010	0	0	0	0	0	---	---	4
5	---	---	0 8	0 566	0 009	0	0	0	0	0	---	---	5
6	---	---	0 8	0 447	0 010	0	0	0	0	0	---	---	6
7	---	---	0 8	0 384	0 009	0	0	0	0	0	---	---	7
8	---	---	0 8	0 333	0 006	0	0	0	0	0	---	---	8
9	---	---	0 8	0 273	0 008	0	0	0	0	0	---	---	9
10	---	---	0 8	0 219	0 007	0	0	0	0	0	---	---	10
11	---	---	0 8	0 177	0 006	0	0	0	0	0	---	---	11
12	---	---	0 8	0 140	0 005	0	0	0	0	0	---	---	12
13	---	---	0 8	0 123	0 004	0	0	0	0	0	---	---	13
14	---	---	0 8	0 096	0 003	0	0	0	0	0	---	---	14
15	---	---	0 8	0 080	0 002	0	0	0	0	0	---	---	15
16	---	---	0 8	0 067	0 002	0	0	0	0	0	---	---	16
17	---	---	0 8	0 059	0 003	0	0	0	0	0	---	---	17
18	---	---	0 8	0 051	0 002	0	0	0	0	0	---	---	18
19	---	---	0 8	0 053	0 001	0	0	0	0	0	---	---	19
20	---	---	0 8	0 046	0 001	0	0	0	0	0	---	---	20
21	---	---	0 8	0 039	0 001	0	0	0	0	0	---	---	21
22	---	---	0 8	0 032	0 001	0	0	0	0	0	---	---	22
23	---	---	0 1008	0 027	0	0 001	0	0	0	0	---	---	23
24	---	---	2 32 8	0 024	0	0	0	0	0	0	---	---	24
25	---	---	2 49 8	0 021	0	0	0	0	0	0	---	---	25
26	---	---	2 06 8	0 018	0	0	0	0	0	0	---	---	26
27	---	---	2 65 8	0 018	0	0	0	0	0	0	---	---	27
28	---	---	4 64	0 0168	0	0	0	0	0	0	---	---	28
29	---	---	5 03	0 013	0	0	0	0	0	0	---	---	29
30	---		3 58	0 012	0	0	0	0	0	0	---	---	30
31	---		2 29		0		0	0		0		---	31
TOTAL	---	---	25 180	7 840	0 123	0 001	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 812	0 261	0 004	0	0	0	0	0	---	---	MEAN
MAX	---	---	5 03	1 63	0 012	0 001	0	0	0	0	---	---	MAX
MIN	---	---	0	0 012	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 135
MAXIMUM DAILY, 5 03 ON MAR 29
MINIMUM DAILY, 0 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
5 40 AT 16 06 CST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 08 10 N
LONG 104 01 50 W
DRAINAGE AREA, 1 820 km²

8 - ICE CONDITIONS

REGULATED SINCE 1950

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	2 170	SEP	0
APR	677	OCT	0
MAY	10 8	NOV	---
JUN	0 09	DEC	---

TOTAL DISCHARGE, 2 860 dam³

WASCANA LAKE AT THE MARINA - STATION NO 05JF015

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	570 599	570 588	570 598	571 028	570 601	570 492	570 475	570 284	570 116	570 126	570 217	570 205	1
2	570 597	570 586	570 595	570 988	570 611	570 483	570 467	570 280	570 113	570 117	570 216	570 205	2
3	570 595	570 585	570 594	570 949	570 613	570 496	570 452	570 276	570 109	570 122	570 215	570 205	3
4	570 593	570 585	570 591	570 899	570 628	570 496	570 441	570 269	570 106	570 128	570 215	570 204	4
5	570 591	570 585	570 589	570 861	570 624	570 487	570 431	570 260	570 091	570 118	570 214	570 203	5
6	570 589	570 584	570 590	570 812	570 622	570 485	570 430	570 257	570 075	570 117	570 214	570 203	6
7	570 587	570 582	570 591	570 770	570 618	570 483	570 428	570 248	570 061	570 117	570 215	570 204	7
8	570 588	570 581	570 587	570 751	570 618	570 481	570 418	570 235	570 054	570 118	570 216	570 204	8
9	570 589	570 579	570 584	570 735	570 621	570 486	570 407	570 232	570 052	570 118	570 215	570 204	9
10	570 589	570 578	570 581	570 721	570 591	570 481	570 393	570 229	570 051	570 118	570 213	570 204	10
11	570 590	570 578	570 580	570 715	570 606	570 481	570 384	570 225	570 055	570 116	570 213	570 203	11
12	570 592	570 577	570 579	570 689	570 604	570 473	570 372	570 235	570 059	570 108	570 212	570 202	12
13	570 593	570 577	570 576	570 686	570 602	570 473	570 356	570 234	570 052	570 100	570 211	570 201	13
14	570 593	570 578	570 579	570 679	570 616	570 470	570 337	570 223	570 056	570 098	570 210	570 200	14
15	570 593	570 580	570 578	570 667	570 604	570 459	570 332	570 219	570 058	570 092	570 209	570 200	15
16	570 594	570 581	570 575	570 657	570 554	570 456	570 320	570 215	570 056	570 088	570 209	570 200	16
17	570 594	570 584	570 571	570 647	570 528	570 444	570 309	570 210	570 049	570 136	570 208	570 201	17
18	570 594	570 584	570 570	570 633	570 532	570 444	570 298	570 208	570 047	570 148	570 205	570 200	18
19	570 596	570 585	570 570	570 622	570 554	570 443	570 286	570 207	570 038	570 188	570 203	570 198	19
20	570 595	570 583	570 584	570 609	570 548	570 445	570 276	570 212	570 041	570 185	570 203	570 198	20
21	570 596	570 580	570 611	570 603	570 531	570 473	570 264	570 202	570 070	570 185	570 205	570 196	21
22	570 594	570 606	570 622	570 596	570 528	570 526	570 250	570 200	570 113	570 187	570 204	570 195	22
23	570 593	570 610	570 638A	570 590	570 535	570 536	570 242	570 193	570 130	570 203	570 204	570 194	23
24	570 592	570 613	570 727E	570 590	570 509	570 541	570 233	570 184	570 132	570 206	570 204	570 193	24
25	570 590	570 611	570 830A	570 597	570 521	570 533	570 219	570 179	570 131	570 218	570 204	570 191	25
26	570 589	570 609	570 998	570 593	570 522	570 518	570 205	570 175	570 127	570 211	570 207	570 191	26
27	570 587	570 607	571 112	570 572	570 521	570 515	570 196	570 164	570 125	570 218	570 207	570 193	27
28	570 586	570 605	571 135	570 575	570 513	570 506	570 187	570 150	570 125	570 218	570 206	570 196	28
29	570 590	570 601	571 115	570 589	570 507	570 506	570 182	570 129	570 126	570 219	570 206	570 196	29
30	570 590		571 086	570 595	570 501	570 482	570 176	570 119	570 128	570 220	570 204	570 194	30
31	570 590		571 068		570 511		570 261	570 118		570 217		570 194	31
MEAN	570 592	570 589	570 687	570 701	570 568	570 486	570 323	570 212	570 085	570 154	570 208	570 199	MEAN
MAX	570 599	570 613	571 135	571 028	570 628	570 541	570 475	570 284	570 132	570 220	570 217	570 205	MAX
MIN	570 586	570 577	570 570	570 572	570 501	570 443	570 176	570 118	570 038	570 089	570 203	570 191	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 570 401
MAXIMUM DAILY, 571 135 ON MAR 28
MINIMUM DAILY, 570 038 ON SEP 18
MAXIMUM INSTANTANEOUS,
571 142 ON MAR 29

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 25 50 N
LONG 104 36 17 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
3 370 km²

WATERBURY LAKE AT CREW CABIN - STATION NO 07LB001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---	---	---	---	---	---	---	---	---	---	---	---	29
30	---		---	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 58 13 00 N
LONG 104 13 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WATERFOUND RIVER BELOW UNKNOWN LAKE - STATION NO 07LB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.4	20.0	18.3	18.5	23.7	25.2	24.5	24.6E	18.9	17.5	16.6	17.7	1
2	20.7	19.8	18.3	18.5	23.9	25.6	24.0	24.3E	18.9	17.3	16.5	17.6	2
3	20.8	19.8	18.2	17.9	23.9A	26.3	24.2	24.1A	18.9	17.2	16.5	17.6	3
4	20.8	20.0	18.1	18.2	23.8	26.7	24.0	24.5A	18.7	17.0	16.6	17.6	4
5	20.8	19.9	18.6	18.0	23.4A	26.7	24.3	24.3A	18.7	16.9	16.6	17.5	5
6	20.7	19.8	18.8	18.0	23.9A	26.8	24.2	24.5A	20.1	16.8	16.6	17.5	6
7	20.8	20.0	18.8	17.8	23.8	26.6	24.3	23.3A	20.0	17.0	16.5	17.6	7
8	20.5	20.0	18.6	18.5	23.8	26.8	24.1	22.8	19.5	17.0	16.7	17.7	8
9	20.4	20.0	18.6	18.8	23.9	26.0	24.3	22.7	18.5	17.1	16.6	17.7	9
10	20.4	19.9	18.5	19.3	24.1	25.9	24.2	22.7	20.0	17.0	16.7	17.7	10
11	20.3	19.8	18.3	19.6	22.8	25.4	24.1	23.8	19.9	17.1	16.8	17.5	11
12	20.2	19.8	18.2	19.6	22.8	25.6	24.3	22.6	19.8	17.0	16.7	17.5	12
13	20.1	19.8	18.1	19.4	22.5	25.5	24.2	22.6	19.2	17.1	16.8	17.6	13
14	20.1	19.8	18.0	19.3	22.6	25.7	24.1	22.4	19.2A	17.2	16.9	17.5	14
15	20.1	19.8	17.9	19.6	22.6	26.2	24.8	21.9	19.4A	16.9	17.2	17.3	15
16	20.0	19.9	17.9	19.6	22.8	26.1	24.8	22.0	19.4A	16.9	17.1	17.2	16
17	19.9	19.8	17.9	20.1	23.4	25.8	24.8	22.1	19.2A	17.4	17.2	17.1	17
18	19.8	19.5	17.8	20.7	23.7	25.6	24.4	22.2	19.1A	17.5	17.2	17.2	18
19	19.8	19.4	17.9	21.0	23.9	25.5	24.6	22.0	19.2A	17.3	17.3	17.2	19
20	19.8	19.7	17.9	21.4	24.0	25.2	24.8	21.2	19.1A	17.4	17.4	17.2	20
21	19.7	19.7	17.8	22.1	23.8	25.0	24.7	21.4	19.2A	17.4	17.5	17.0	21
22	19.6	19.7	17.8	22.7A	23.7	24.7	24.9	21.0	18.9	17.5	17.6	17.0	22
23	19.7	19.6	18.0	23.1A	24.1	24.6	25.2	21.0	18.3	17.4	17.7	17.0	23
24	19.6	19.6	18.2	23.5A	24.3	24.7	25.4	20.7	18.1	17.3	17.8	16.8	24
25	19.7	19.5	17.9	23.7A	24.3	24.9	26.0A	20.5	18.0	17.5	17.8	16.7	25
26	19.7	19.4	18.1	23.8	24.5	25.1	26.5A	20.4	17.8	17.3	17.7	16.8	26
27	19.7	19.3	18.3	23.8A	24.2	25.2	25.8	20.2	17.6	17.2	17.6	16.7	27
28	19.6	19.3	18.2	24.2	24.5	25.3	25.5	20.1	17.6	16.9	17.6	16.5	28
29	19.6	19.3	18.2	23.7	24.5	25.0	25.2	19.7	17.6	16.9	17.7	16.5	29
30	19.8		18.2	24.0A	24.8	25.1	25.0A	19.8	17.5	16.8	17.7	16.5	30
31	19.9		18.3		25.3		24.9A	19.8		16.8		16.5	31
TOTAL	623.5	573.1	568.2	618.8	737.6	769.0	765.8	684.2	572.3	531.4	513.3	533.2	TOTAL
MEAN	20.1	19.8	18.3	20.6	23.8	25.6	24.7	22.1	19.1	17.1	17.1	17.2	MEAN
MAX	20.8	20.0	18.3	24.2	25.3	26.8	26.5	24.6	20.1	17.5	17.8	17.7	MAX
MIN	19.6	19.3	17.8	17.9	22.5	24.6	24.0	19.7	17.5	16.8	16.5	16.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 26.8 ON JUN 6
MINIMUM DAILY, 16.5 ON NOV 2
MAXIMUM INSTANTANEOUS,
27.2 AT 09:45 CST ON JUN 6

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 23 10 N
LONG 104 36 30 W
DRAINAGE AREA, 3 180 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	53 800	JUL	66 200
FEB	49 500	AUG	59 100
MAR	49 100	SEP	49 400
APR	53 500	OCT	45 900
MAY	63 700	NOV	44 300
JUN	66 400	DEC	46 100

TOTAL DISCHARGE, 647 000 dam³

WATERHEN LAKE NEAR DORINTOSH - STATION NO. 06AF007

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	472.748	472.908E	473.043	---	---	---	---	1
2	---	---	---	---	---	472.749	472.910	473.044	---	---	---	---	2
3	---	---	---	---	---	472.749	472.909	473.044	---	---	---	---	3
4	---	---	---	---	---	472.778E	472.913	473.060E	---	---	---	---	4
5	---	---	---	---	---	472.809	472.917E	473.078E	---	---	---	---	5
6	---	---	---	---	---	472.818E	472.922E	473.083	---	---	---	---	6
7	---	---	---	---	---	472.828E	472.926	473.093	---	---	---	---	7
8	---	---	---	---	---	472.839E	472.920	473.084	---	---	---	---	8
9	---	---	---	---	---	472.849	472.926	473.104	---	---	---	---	9
10	---	---	---	---	---	472.849	472.932	473.116	---	---	---	---	10
11	---	---	---	---	---	472.854	472.932	473.116	---	---	---	---	11
12	---	---	---	---	---	472.854	472.934	473.115	---	---	---	---	12
13	---	---	---	---	---	472.864	472.944E	473.120	---	---	---	---	13
14	---	---	---	---	---	472.869	472.955	473.120	---	---	472.935	---	14
15	---	---	---	---	---	472.871	472.963	473.121	---	---	---	---	15
16	---	---	---	---	---	472.873	472.967E	473.121	---	---	---	---	16
17	---	---	---	---	---	472.885	472.971	473.121	---	---	---	---	17
18	---	---	---	---	---	472.887	472.971	473.123	---	---	---	---	18
19	---	---	---	---	---	472.891E	472.983	473.123	---	---	---	---	19
20	---	---	---	---	---	472.896	472.989E	473.121	---	---	---	---	20
21	---	---	---	---	---	472.901	472.995	473.125E	---	---	---	---	21
22	---	---	---	---	---	472.903E	472.988	473.128E	---	---	---	---	22
23	---	---	---	---	472.620	472.906	473.003	473.129	---	---	---	---	23
24	---	---	---	---	472.620	472.908	473.008E	473.133	---	---	---	---	24
25	---	---	---	---	472.685	472.908	473.013	473.133	---	---	---	---	25
26	---	---	---	---	472.685	472.909	473.013	473.131	---	---	---	---	26
27	---	---	---	---	472.705	472.912E	473.025E	473.125E	---	---	---	---	27
28	---	---	---	---	472.717	472.915	473.031	473.119	---	---	---	---	28
29	---	---	---	---	472.729E	472.911E	473.032E	473.110E	---	---	---	---	29
30	---		---	---	472.742	472.907	473.032E	473.101	---	---	---	---	30
31	---		---		472.748		473.033	473.107		---		---	31
MEAN	---	---	---	---	---	472.861	472.967	473.107	---	---	---	---	MEAN
MAX	---	---	---	---	---	472.915	473.033	473.133	---	---	---	---	MAX
MIN	---	---	---	---	---	472.748	472.909	473.043	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 473.133 ON AUG 24

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 54 27 45 N
LONG 101 31 10 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

E - ESTIMATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WATERHEN RIVER NEAR GOODSOIL - STATION NO. 06AF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.07B	6.23B	5.92B	6.42	7.61	13.9	18.0	18.0	13.5	12.1	9.49E	7.97	1
2	6.93B	6.24B	5.88B	6.50	7.31	13.7	18.1	17.6	14.0	12.1	9.35E	8.03	2
3	6.91B	6.24B	6.08B	6.54	7.19	13.5	17.8	17.5	13.6	11.7	9.21E	7.90	3
4	6.80B	6.07B	5.98B	6.61	7.57	13.6	17.5	17.6	13.2	11.1	9.03E	7.82	4
5	6.67B	6.04B	5.90B	6.67	7.40	13.7	17.4	17.7	13.0	11.6	8.91E	7.72	5
6	6.60B	6.02B	6.03B	6.74	7.52	13.8	17.3	18.1	13.0	11.2	8.68A	7.70	6
7	6.69B	6.03B	5.99B	6.86	7.81	14.6	18.4	18.8	13.2	11.1	8.69	7.72	7
8	6.64B	6.02B	5.94B	6.92	7.31	14.7	18.2	18.4	13.0	11.1	8.74	7.62	8
9	6.58B	5.97B	5.97B	7.03	7.35	15.1	18.1	18.0	13.0	11.0	8.54	7.46	9
10	6.51B	6.06B	6.03B	6.93	7.62	15.5	18.0	17.8	13.0	10.8	8.49	7.43B	10
11	6.52B	5.98B	5.88B	7.06	7.58	15.7	18.1	17.7	12.8	10.7	8.46	7.49B	11
12	6.58B	5.96B	5.92B	7.15	7.52	15.9	18.1	17.1	13.0	10.9	8.41	7.24B	12
13	6.56B	6.10B	5.90B	7.32	7.44	16.2	18.6	17.4	13.0	11.0	8.59	7.15B	13
14	6.50B	6.03B	5.90B	7.17	8.83	16.5	19.1	17.4	13.0	11.1	8.75	7.10B	14
15	6.59B	6.18B	5.85B	7.14	7.18	16.8	19.1	16.6	12.8	10.8	8.70	7.20B	15
16	6.62B	6.08B	5.82B	7.23	7.55	16.9	19.0	16.7	12.8	10.9	8.58	7.08B	16
17	6.46B	6.14B	5.83B	7.47	8.66	17.6	18.9	16.3	12.9	10.8	8.50	6.98B	17
18	6.45B	6.09B	5.89B	7.56	9.05	17.3	19.0	16.2	12.7	10.7	8.34	6.95B	18
19	6.34B	6.09B	6.05B	7.45	8.86	17.0	18.8	16.5	12.8	10.7	8.50	6.97B	19
20	6.32B	6.08B	6.01B	7.49	9.29	17.5	19.2	16.3	12.6	10.8	8.46	6.97B	20
21	6.25B	6.14B	5.84	7.68	10.1	17.6	19.5	16.0	12.4	10.7	8.38	7.07B	21
22	6.28B	6.08B	6.03	7.93	10.4	17.7	19.7	15.7	12.7	10.8	8.24	6.87B	22
23	6.38B	6.01B	6.02	7.96	10.4	17.6	19.1	15.5	12.6	10.5	8.16	6.83B	23
24	6.46B	6.03B	6.14	8.00	11.1	17.6	19.0	15.6	12.5	10.4	8.20	6.83B	24
25	6.32B	6.00B	6.15	7.91	11.2	18.2	19.0	15.4	12.4	10.3	8.14	6.79B	25
26	6.52B	6.02B	6.16	7.87	11.3	17.9	18.8	15.3	12.4	10.7	8.13	6.75B	26
27	6.42B	5.88B	6.25	7.89	11.6	17.8	18.6	15.0	12.3	10.3	7.99	6.74B	27
28	6.44B	5.78B	6.20	7.77	11.9	17.8	18.8	15.6	12.2	10.0 A	7.81	6.72B	28
29	6.38B	5.94B	6.30	7.76	12.1	17.8	18.8	15.3	12.0	9.81E	7.89	6.70B	29
30	6.28B		6.27	7.76	12.0	18.0	18.7	14.2	11.8	9.78E	7.97	6.69B	30
31	6.29B		6.32		12.8		18.3	13.7		9.63E		6.70B	31
TOTAL	202.71	175.45	186.63	218.89	278.35	488.7	575.1	515.0	384.2	335.22	255.53	223.19	TOTAL
MEAN	6.54	6.05	6.02	7.30	8.01	16.3	18.6	16.6	12.8	10.8	8.52	7.20	MEAN
MAX	7.07	6.24	6.32	8.00	12.8	18.0	19.7	18.8	14.0	12.1	9.49	8.03	MAX
MIN	6.25	5.78	5.82	6.42	6.83	13.5	17.3	13.7	11.8	9.63	7.91	6.69	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 19.7 ON JUL 23
MINIMUM DAILY, 5.78B ON FEB 28
MAXIMUM INSTANTANEOUS,
20.5 AT 14:53 CST ON JUN 30

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 26 45 N
LONG 109 13 21 W
DRAINAGE AREA, 7 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 500	JUL	49 700
FEB	15 200	AUG	44 500
MAR	16 100	SEP	33 200
APR	18 900	OCT	29 000
MAY	24 100	NOV	22 100
JUN	42 200	DEC	19 300

TOTAL DISCHARGE, 332 000 dam³

WATHAMAN RIVER BELOW WATHAMAN LAKE - STATION NO. 06DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.5	38.0	32.1	27.1	98.6	86.8	71.1	57.8	44.1	34.4	38.7	41.8	1
2	50.0	38.0	32.0	27.1	98.3	86.3	87.2	56.8	44.1	34.2	38.7	41.6	2
3	49.7	37.9	31.9	26.9	98.3	85.9	86.0	56.3	43.1	33.6	38.8	41.6	3
4	49.3	37.6	31.6	26.9	98.2	86.2	85.7	55.3	43.5	34.3	39.1	41.5	4
5	48.9	37.3	31.3	26.9	98.5	84.8	84.8	54.9	43.2	34.3	39.2	41.2	5
6	48.2	36.9	31.2	26.9	98.5	83.9	86.1	53.8	42.0	33.0	39.2	40.9	6
7	48.0	36.6	31.1	27.0	98.0	81.0	87.9	54.0	38.1	33.5	39.2	41.1	7
8	47.3	36.3	30.8	27.3	98.5	80.3	84.8	52.8	40.5	33.0	39.6	41.3	8
9	48.8	36.1	30.7	27.8	98.8	82.9	82.4	52.1	40.9	32.6	39.7	41.4	9
10	46.2	35.9	30.3	28.0	97.5	81.8	82.4	53.5	40.6	32.6	39.8	41.2	10
11	45.8	35.8	29.9	30.8	97.6	79.9	82.3	51.8	40.2	32.6	39.8	41.1	11
12	45.3	35.3	29.6	32.5	98.8	79.1	82.0	51.2	39.6	32.2	39.6	40.8	12
13	45.0	35.3	29.2	34.2	95.7	78.8	81.4	51.1	39.2	32.1	39.8	40.5	13
14	44.6	35.1	28.0	35.8	95.4	78.3	80.7	49.2	38.9	31.8	40.1	40.2	14
15	44.1	35.0	28.7	38.0	94.0	77.1	80.7	50.0	38.9	31.6	41.0	40.0	15
16	43.7	34.8	28.4	42.1	91.4	75.2	59.8	49.7	38.8	29.4	41.1	39.7	16
17	43.2	34.8	28.2	48.2	89.7	74.4	80.6	49.0	38.0	31.6	41.1	39.4	17
18	42.8	34.8	28.0	54.4	92.1	73.9	58.8	48.3	37.3	32.8	41.0	39.0	18
19	42.3	34.4	27.8	61.4	94.5	73.6	58.6	48.0	37.1	34.8	41.0	38.6	19
20	41.8	34.3	27.8	68.0	94.4	73.1	58.5	46.8	37.8	35.9	41.2	38.5	20
21	41.2	33.9	27.8	74.7	91.8	73.5	80.0	47.8	37.8	36.6	41.4	38.5	21
22	40.6	33.8	27.8	78.3	91.3	71.5	80.6	48.3	38.1	37.2	41.6	38.3	22
23	40.6	33.7	27.6	82.6	91.7	70.3	80.3	48.7	38.4	36.9	41.6	37.9	23
24	40.3	33.5	27.8	84.9	90.9	71.8	80.7	47.5	38.6	37.7	42.1	37.4	24
25	39.9	33.2	27.6	85.8	90.3	70.9	80.6	47.3	35.9	38.6	42.3	37.0	25
26	39.6	33.0	27.8	88.5	90.1	70.9	80.7	46.8	35.5	38.5	42.2	36.4	26
27	39.2	32.8	27.7	92.2	89.6	71.1	80.8	46.3	35.4	38.3	42.1	36.0	27
28	39.1	32.4	27.6	93.0	89.9	71.9	80.0	46.1	35.3	38.7	41.9	35.7	28
29	38.9	32.2	27.5	95.0	88.7	71.4	58.1	44.9	34.8	38.8	41.8	35.6	29
30	38.7		27.3	97.8	87.3	72.9	57.8	42.6	34.9	38.7	41.9	35.3	30
31	38.3		27.3		87.1		57.8	44.2		38.7		34.9	31
TOTAL	1 389.9	1 018.4	903.7	1 591.9	2 917.5	2 319.5	1 921.1	1 553.3	1 184.1	1 079.0	1 216.8	1 214.7	TOTAL
MEAN	43.9	35.1	29.2	53.1	94.1	77.3	62.0	50.1	38.8	34.8	40.8	39.2	MEAN
MAX	50.5	38.0	32.1	97.8	98.8	86.8	87.2	57.8	44.1	38.8	42.3	41.8	MAX
MIN	38.3	32.2	27.3	26.9	87.1	70.3	57.8	42.6	34.8	29.4	38.7	34.9	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.9
MAXIMUM DAILY, 98.8 ON MAY 2
MINIMUM DAILY, 26.9 ON APR 3
MAXIMUM INSTANTANEOUS,
98.6 AT 23:13 CST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 05 20 N
LONG 103 42 40 W
DRAINAGE AREA, 10 200 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117 000	JUL	165 000
FEB	88 000	AUG	134 000
MAR	78 100	SEP	101 000
APR	138 000	OCT	93 200
MAY	252 000	NOV	105 000
JUN	200 000	DEC	105 000

TOTAL DISCHARGE, 1 580 000 dam³

WEYBURN INDEX RESERVOIR - STATION NO. 05NB024

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	28.598E	28.976	28.892	28.779	28.653	28.438	28.085	27.994	---	---	1
2	---	---	28.597E	28.972	28.888	28.767	28.644	28.433	28.063	27.992	---	---	2
3	---	---	28.598E	28.985	28.885	28.760	28.636	28.427	28.058	27.987	---	---	3
4	---	---	28.599E	28.985	28.886	28.753	28.627	28.422	28.052	27.983	---	---	4
5	---	---	28.600E	28.985	28.883	28.745	28.618	28.414	28.045	27.980	---	---	5
6	---	---	28.602E	28.983	28.881	28.745	28.610	28.405	28.039	27.978	---	---	6
7	---	---	28.604E	28.982	28.878	28.747	28.600	28.398	28.040	27.976	---	---	7
8	---	---	28.605E	28.980	28.874	28.743	28.593	28.388	28.037	27.974	---	---	8
9	---	---	28.608E	28.958	28.869	28.737	28.582	28.382	28.034	27.971	---	---	9
10	---	---	28.610E	28.959	28.866	28.733	28.572	28.375	28.031	27.969	---	---	10
11	---	---	28.613E	28.960	28.861	28.733	28.563	28.368	28.026	27.968	---	---	11
12	---	---	28.618E	28.980	28.856	28.739	28.554	28.358	28.026	27.967	---	---	12
13	---	---	28.619E	28.981	28.850	28.737	28.545	28.350	28.023	27.963	---	---	13
14	---	---	28.622E	28.980	28.841	28.734	28.532	28.341	28.020	27.959	---	---	14
15	---	---	28.625E	28.959	28.830	28.731	28.520	28.330	28.017	27.957	---	---	15
16	---	---	28.630E	28.957	28.831	28.729	28.510	28.321	28.012	27.881	---	---	16
17	---	---	28.635E	28.952	28.864	28.726	28.501	28.278	28.006	27.986	---	---	17
18	---	---	28.640E	28.947	28.855	28.719	28.492	28.226	27.998	27.948	---	---	18
19	---	---	28.650E	28.942	28.849	28.712	28.482	28.208	27.993	27.893	---	---	19
20	---	---	28.660A	28.938	28.844	28.708	28.472	28.188	27.988	28.003A	---	---	20
21	---	---	28.700E	28.935	28.839	28.714	28.461	28.174	27.983	28.005E	---	---	21
22	---	---	28.770E	28.932	28.831	28.719	28.449	28.162	28.006	28.005E	---	---	22
23	---	---	28.850E	28.928	28.825	28.715	28.439	28.150	28.002	28.005E	---	---	23
24	---	---	28.900E	28.925	28.823	28.708	28.429	28.141	28.006	28.005E	---	---	24
25	---	---	28.950E	28.921	28.816	28.701	28.421	28.133	28.007	28.005E	---	---	25
26	---	---	28.980E	28.917	28.812	28.653	28.414	28.123	28.005	28.010E	---	---	26
27	---	28.994A	28.990E	28.913	28.805	28.686	28.403	28.111	28.004	28.025E	---	---	27
28	---	28.995E	28.992A	28.905	28.802	28.680	28.392	28.100	28.002	28.030E	---	---	28
29	---	28.995E	28.987	28.900	28.800	28.671	28.383	28.089	27.998	28.032E	---	---	29
30	--		28.982	28.897	28.794	28.681	28.382	28.077	27.996	28.032A	---	---	30
31	---		28.980		28.787		28.444	28.070		28.032E		---	31
MEAN	---	---	28.723	28.945	28.845	28.724	28.514	28.270	28.020	27.992	---	---	MEAN
MAX	---	---	28.992	28.978	28.892	28.778	28.653	28.438	28.085	28.032	---	---	MAX
MIN	---	---	28.598	28.897	28.787	28.661	28.382	28.070	27.988	27.957	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.992A ON MAR 28
MINIMUM DAILY, 27.957 ON OCT 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 42 N
LONG 103 40 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

WEYBURN RESERVOIR NEAR WEYBURN - STATION NO. 05NB020

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	562.925	562.883	562.859	563.132	563.171	563.009	562.835	562.630	563.201	563.101	563.059	563.014	1
2	562.924	562.881	562.856	563.162	563.167	562.997	562.832	562.623	563.198	563.099	563.056	563.012	2
3	562.923	562.879	562.854	563.185	563.164	562.983	562.822	562.617	563.193	563.094	563.056	563.010	3
4	562.921	562.875	562.852	563.206	563.165	562.973	562.809	562.611	563.184	563.090	563.053	563.007	4
5	562.920	562.871	562.851	563.223	563.163	562.965	562.798	562.532	563.176	563.057	563.050	563.004	5
6	562.918	562.869	562.850	563.238	563.160	562.946	562.784	562.645	563.172	563.085	563.047	563.002	6
7	562.916	562.868	562.849	563.253	563.156	562.967	562.774	562.783	563.172	563.081	563.048	563.002	7
8	562.917	562.866	562.845	563.268	563.153	562.980	562.768	562.903	563.167	563.078	563.046	563.000	8
9	562.916	562.865	562.844	563.277	563.148	562.952	562.765	563.001	563.161	563.076	563.043	562.999	9
10	562.913	562.863	562.842	563.283	563.147	562.947	562.745	563.077	563.158	563.074	563.040	562.997	10
11	562.913	562.864	562.841	563.288	563.139	562.946	562.734	563.139	563.152	563.073	563.040	562.993	11
12	562.913	562.862	562.838	563.287	563.135	562.953	562.724	563.181	563.155	563.072	563.039	562.988	12
13	562.911	562.862	562.836	563.286	563.129	562.948	562.713	563.219	563.150	563.068	563.039	562.985	13
14	562.911	562.863	562.837	563.283	563.116	562.943	562.700	563.255	563.148	563.061	563.040	562.981	14
15	562.909	562.864	562.835	563.280	563.101	562.940	562.688	563.272	563.146	563.056	563.039	562.979	15
16	562.908	562.869	562.831	563.275	563.107	562.939	562.672	563.290	563.144	563.067	563.037	562.976	16
17	562.904	562.868	562.828	563.270	563.112	562.942	562.658	563.300	563.140	563.062	563.036	562.974	17
18	562.902	562.866	562.824	563.264	563.098	562.932	562.648	563.305	563.134	563.058	563.034	562.971	18
19	562.900	562.865	562.824	563.258	563.089	562.924	562.634	563.309	563.129	563.060	563.031	562.969	19
20	562.898	562.863	562.834	563.253	563.080	562.922	562.622	563.307	563.118	563.069	563.029	562.967	20
21	562.897	562.866	562.854	563.248	563.078	562.922	562.611	563.304	563.116	563.070	563.028	562.963	21
22	562.896	562.870	562.867	563.242	563.070	562.922	562.597	563.298	563.132	563.067	563.026	562.959	22
23	562.895	562.870	562.889	563.236	563.080	562.918	562.584	563.295	563.121	563.063	563.025	562.955	23
24	562.894	562.869	562.906	563.229	563.055	562.911	562.574	563.295	563.123	563.058	563.024	562.951	24
25	562.891	562.868	562.924	563.220	563.044	562.907	562.586	563.289	563.123	563.054	563.022	562.948	25
26	562.890	562.866	562.948	563.207	563.038	562.897	562.557	563.284	563.120	563.080	563.024	562.946	26
27	562.887	562.864	562.962	563.199	563.030	562.885	562.545	563.275	563.115	563.075	563.022	562.944	27
28	562.887	562.860	562.974A	563.189	563.029	562.877	562.534	563.260	563.114	563.072	563.020	562.945	28
29	562.888	562.859	563.007E	563.179	563.028	562.864	562.523	563.242	563.107	563.069	563.018	562.943	29
30	562.887		563.049A	563.175	563.024	562.852	562.517	563.222	563.103	563.066	563.015	562.939	30
31	562.886		563.093		563.020		562.534	563.210		563.063		562.934A	31
MEAN	562.905	562.868	562.881	563.237	563.102	562.935	562.673	563.083	563.146	563.072	563.036	562.976	MEAN
MAX	562.925	562.883	563.093	563.288	563.171	563.009	562.839	563.309	563.201	563.101	563.059	563.014	MAX
MIN	562.886	562.859	562.824	563.132	563.020	562.852	562.517	562.511	563.103	563.054	563.015	562.934	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MEAN, 562.992
MAXIMUM DAILY, 563.309 ON AUG 19
MINIMUM DAILY, 562.511 ON AUG 4
MAXIMUM INSTANTANEOUS,
563.312 AT 18:06 CST ON AUG 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 33 N
LONG 103 47 28 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHEELER RIVER BELOW RUSSELL LAKE - STATION NO. 05DA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.7	16.18	16.18	16.1	23.9	22.2	21.5	14.9	12.2	12.2	14.9	15.2	1
2	17.7A	15.88	16.38	16.1	23.8	23.2	19.9	14.8	12.1	12.2	14.8	15.1	2
3	16.9A	15.68	16.38	16.1	23.4	24.1	18.4	14.6	12.0	12.1	15.0	15.1	3
4	16.3	16.18	16.18	16.3	22.9	23.9	17.6	14.4	11.7	11.7	14.9	15.2	4
5	16.28	15.88	16.28	16.7	22.4	23.1	16.8	14.1	11.8	12.0	14.8	15.4	5
6	16.28	15.88	16.28	16.9	22.2	22.1	16.3	14.2	11.8	12.5	14.8	15.1	6
7	16.28	15.68	16.58	17.0	22.6	21.4	16.6	14.0	10.3	12.2	14.8	15.3	7
8	16.38	15.68	16.78	17.5	22.9	20.2	16.3	14.7	9.34	12.2	14.8	15.3	8
9	16.48	15.98	16.58	17.9	22.8	21.2	16.1	14.3	10.4	12.2	14.9	15.3	9
10	16.48	16.18	16.68	18.6	22.0	22.9	17.3	14.2	11.4	12.3	14.9	15.3	10
11	16.48	16.28	16.78	18.5	22.2	22.5	16.9	14.5	12.1	12.2	15.0	15.6	11
12	16.88	16.48	17.08	18.5	23.0	21.5	16.7	14.3	12.2	12.3	15.0	15.5	12
13	16.38	16.28	17.28	18.6	22.9	21.4	16.3	14.1	12.2	12.6	14.7	15.4	13
14	15.38	16.28	17.28	18.7	22.1	22.2	16.2	14.3	12.3	12.8	14.7	15.3	14
15	14.78	16.28	17.48	19.2	21.9	22.5	16.7	13.8	12.4	13.2	15.2	15.38	15
16	14.88	16.18	17.18	20.1	21.9	21.7	17.1	13.9	12.6	12.8	15.4	15.28	16
17	15.28	15.88	17.18	21.0	21.4	20.6	16.9	13.8	12.8	12.0	15.3	15.18	17
18	14.98	15.88	17.28	21.8	21.5	20.9	17.1	13.5	13.0	11.5	15.3	14.78	18
19	15.28	15.78	17.28	21.9	22.9	21.3	16.5	13.3	12.7	12.3	15.1	14.58	19
20	15.38	15.78	17.28	22.5	23.0	20.9	16.1	13.3	12.6	13.7	15.1	14.48	20
21	16.28	15.78	17.2	23.4	23.0	20.9	16.2	13.0	12.0	14.4	15.4	14.38	21
22	16.28	15.88	17.1	23.9	23.3	21.1	16.4	13.1	11.4	15.1	15.6	14.58	22
23	16.18	15.88	17.2	24.1	23.2	20.4	16.1	13.3	11.5	15.1	15.8	14.18	23
24	16.48	15.68	17.0	24.2	22.8	20.2	15.7	13.2	12.0	14.8	16.0	15.08	24
25	16.38	15.88	16.9	23.8	22.9	20.7	15.3	13.1	12.1	14.9	16.0	14.98	25
26	15.88	15.98	16.8	23.9	22.9	20.6	15.4	13.2	12.1	15.4	15.6	14.28	26
27	15.98	15.88	16.7	24.1	23.0	20.3	15.5	13.2	12.4	15.4	15.4	14.78	27
28	15.88	15.48	16.6	23.7	23.1	20.3	15.8	12.8	12.6	15.3	15.3	14.78	28
29	16.08	15.88	16.5	23.5	23.0	19.6	15.6	13.7	12.6	14.9	15.3	14.58	29
30	16.28		16.4	23.8	22.5	19.4	15.4	13.5	12.2	15.0	15.2	14.58	30
31	16.28		16.2		21.7		15.1	12.6		15.0		14.98	31
TOTAL	498.3	480.5	519.4	608.4	702.9	643.2	519.8	427.7	358.84	412.3	455.0	463.4	TOTAL
MEAN	16.1	15.9	16.8	20.3	22.7	21.4	16.8	13.8	12.0	13.3	15.2	14.9	MEAN
MAX	17.7	16.4	17.4	24.2	23.9	24.1	21.5	14.9	13.0	15.4	16.0	15.5	MAX
MIN	14.7	15.4	16.1	16.1	21.4	19.4	15.1	12.6	9.34	11.5	14.7	14.1	MIN

SUMMARY FOR THE YEAR 1984

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.6
MAXIMUM DAILY, 24.2 ON APR 24
MINIMUM DAILY, 9.34 ON SEP 6
MAXIMUM INSTANTANEOUS,
24.4 AT 18:11 CST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 57 28 40 N
LONG 104 59 50 W
DRAINAGE AREA, 3 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 100	JUL	44 800
FEB	39 800	AUG	37 000
MAR	44 900	SEP	31 000
APR	52 600	OCT	35 600
MAY	60 700	NOV	39 300
JUN	55 600	DEC	40 000

TOTAL DISCHARGE, 525 000 dam³

WHITE BEAR (CARLYLE) LAKE NEAR CARLYLE - STATION NO OSNEOOS

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	731.180	---	---	---	---	731.039	---	---	---	---	1
2	---	---	---	---	731.287	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	731.255	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	730 808	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	731.238	---	---	731 185	---	---	---	---	---	---	27
28	---	---	---	---	---	---	---	730 878	---	---	---	---	28
29	---	---	---	---	731 214	---	---	---	---	---	---	---	29
30	---		---	731 265E	---	731.180E	---	---	730 800E	---	---	---	30
31	---		731 240E		731 210E		731 040E	730 870E		730 862		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 731.287 ON MAY 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 35 N
LONG 102 16 48 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WHITE FOX RIVER NEAR GARRICK - STATION NO OSKEOOS

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0 B	1.20 E	14.2	1 88	0 085	0 028	0 102	0 0588	---	1
2	---	---	0B	0 B	1 05 E	12.3	1 67	0 048	0 010	0 150	---	---	2
3	---	---	0B	0 B	0.975A	10.7	1 44	0 032	0 006	0 178	---	---	3
4	---	---	0B	0 B	0 850E	9.18	1 24	0 022	0 002	0 186	---	---	4
5	---	---	0B	0 B	0 890E	7.97	1 10	0 014	0 003	0 195	---	---	5
6	---	---	0B	0.0338	0.920E	8 86	0 999	0 007	0 025	0 193	---	---	6
7	---	---	0B	0 5108	0.850E	8.49	0 884	0 007	0 028	0 184	---	---	7
8	---	---	0B	13.8 B	0.800E	8.31	0 715	0 003	0 024	0 211	---	---	8
9	---	---	0B	34 3 B	1.25 E	10.8	0.587	0	0 018	0 215	---	---	9
10	---	---	0B	52.4	1 70 E	13.3	0 490	0	0 018	0 220	---	---	10
11	---	---	0B	52.8	2.10 E	16.3	0 408	0	0 009	0 242	---	---	11
12	---	---	0B	52.3	2 08 E	17.3	0 338	0	0 015	0 189	---	---	12
13	---	---	0B	44.8	2 08 E	16.1	0 280	0	0 018	0 186	---	---	13
14	---	---	0B	33 1	2 10 E	13.7	0.287	0	0 006	0 158	---	---	14
15	---	---	0B	24 7 A	2 10 E	11.6	0 289	0	0	0 118	---	---	15
16	---	---	0B	18 3	2 12 E	10 4	0 416	0	0	0 150	---	---	16
17	---	---	0B	15.4	3 50 E	10.3	0 471	0	0	0 146	---	---	17
18	---	---	0B	13.2	7 00 E	10.6	0 386	0	0	0 148	---	---	18
19	---	---	0B	9 55 A	10.3 E	10.1	0 315	0	0	0 135	---	---	19
20	---	---	0B	8 40 E	17 2 E	9 62	0 268	0	0	0 138	---	---	20
21	---	---	0B	7.05 E	22 0 E	9.86	0 242	0.015	0	0.162	---	---	21
22	---	---	0B	6.00 E	24.5 E	9.22	0 401	0 315	0 001	0.217	---	---	22
23	---	---	0B	4.70 E	26.1 A	7 88	0 483	0 226	0.008	0 229	---	---	23
24	---	---	0B	3 55 E	26.4	8 91	0 343	0.143	0 018	0.238	---	---	24
25	---	---	0B	3.00 E	26 4	8.14	0.273	0 110	0 024	0.2148	---	---	25
26	---	---	0B	2.50 E	27.1	5.19	0 217	0.083	0.028	0 1788	---	---	26
27	---	---	0B	2.08 E	26 3	4 25	0 173	0 047	0 036	0 1538	---	---	27
28	---	---	0B	1.80 E	24.8	3 49	0 140	0 022	0 038	0 1248	---	---	28
29	---	---	0B	1.50 E	21.8	2.88	0 120	0 008	0 038	0.0888	---	---	29
30	---		0B	1.30 E	18 8	2.23	0 102	0 026	0 048	0.0508	---	---	30
31	---		0B		16 5		0 086	0 038		0.0588		---	31
TOTAL	---	---	0	406.873	321 385	284 08	17 003	1 230	0.452	5.200	---	---	TOTAL
MEAN	---	---	0	13.5	10 4	9.47	0 548	0 040	0 015	0 168	---	---	MEAN
MAX	---	---	0	52.8	27 1	17.3	1 88	0.315	0.048	0 242	---	---	MAX
MIN	---	---	0	0	0.800	2.23	0 086	0	0	0 050	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.23
MAXIMUM DAILY, 52 8 ON APR 11
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
55.0 AT 02:12 CST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 25 20 N
LONG 104 20 30 W
DRAINAGE AREA, 1 870 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 670
FEB	---	AUG	106
MAR	0	SEP	39.1
APR	35 200	OCT	448
MAY	27 800	NOV	---
JUN	24 500	DEC	---

TOTAL DISCHARGE, 89 800 dam³

WHITESAND RIVER NEAR CANORA - STATION NO. 05MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1408	6.108	1.96	1.25	1.01	0	0	0	0.3708	---	1
2	---	---	0.1408	5.448	1.77	1.04	1.07	0	0	0	0.3588	---	2
3	---	---	0.1368	5.138	1.67	0.847	0.893	0	0	0	0.3408	---	3
4	---	---	0.1328	4.768	1.92	0.900	1.12	0	0	0	0.3108	---	4
5	---	---	0.1288	4.598	1.78	0.857	0.882	0	0	0	0.2648	---	5
6	---	---	0.1248	4.538	1.41	0.829	0.823	0	0	0	0.2838	---	6
7	---	---	0.1208	4.388	1.25	0.803	0.763	0	0	0	---	---	7
8	---	---	0.1018	3.848	1.14	0.652	0.558	0	0	0	---	---	8
9	---	---	0.0958	3.67	1.07	0.586	0.308	0	0	0	---	---	9
10	---	---	0.0938	3.80	1.23	0.592	0.174	0	0	0	---	---	10
11	---	---	0.0938	3.74	1.15	0.605	0.106	0	0	0	---	---	11
12	---	---	0.0918	3.54	1.18	0.627	0.077	0	0	0	---	---	12
13	---	---	0.0898	3.48	1.22	0.597	0.058	0	0	0	---	---	13
14	---	---	0.0888	3.48	1.63	0.540	0.051	0	0	0	---	---	14
15	---	---	0.0858	3.41	2.20	0.497	0.044	0	0	0	---	---	15
16	---	---	0.0808	3.44	2.47	0.459	0.036	0	0	0	---	---	16
17	---	---	0.0788	3.03	2.80	0.384	0.023	0	0	0	---	---	17
18	---	---	0.0818	2.88	2.27	0.265	0.013	0	0	0	---	---	18
19	---	---	0.0818	2.60	2.78	0.242	0.003	0	0	0	---	---	19
20	---	---	0.0908	2.21	3.26	0.490	0.002	0	0	0	---	---	20
21	---	---	0.2178	2.04	3.10	0.739	0	0	0	0.040	---	---	21
22	---	---	0.5128	2.01	2.71	0.788	0	0	0	0.589	---	---	22
23	---	---	0.9958	1.80	2.46	2.31	0	0	0	0.702	---	---	23
24	---	---	1.418	2.08	2.43	2.18	0	0	0	1.22	---	---	24
25	---	---	2.188	2.19	2.42	2.89	0	0	0	0.8828	---	---	25
26	---	---	3.008	1.95	2.27	2.41	0	0	0	0.7528	---	---	26
27	---	---	4.268	1.96	2.29	1.89	0	0	0	0.5788	---	---	27
28	---	---	5.568	2.12	2.29	1.31	0	0	0	0.4808	---	---	28
29	---	0.1408	6.438	1.84	2.15	1.20	0	0	0	0.4618	---	---	29
30	---	---	6.768	1.92	1.89	1.05	0	0	0	0.4058	---	---	30
31	---	---	6.228		1.46		0	0		0.3808		---	31
TOTAL	---	---	39.630	97.49	61.41	29.867	8.012	0	0	8.469	---	---	TOTAL
MEAN	---	---	1.28	3.25	1.98	0.989	0.258	0	0	0.208	---	---	MEAN
MAX	---	---	6.76	6.10	3.26	2.89	1.12	0	0	1.22	---	---	MAX
MIN	---	---	0.078	1.80	1.07	0.242	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.550
MAXIMUM DAILY, 6.788 ON MAR 30
MINIMUM DAILY, 0 ON JUL 21
MAXIMUM INSTANTANEOUS,
7.108 AT 17:00 CST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 11 N
LONG 102 22 11 W
DRAINAGE AREA, 8.740 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	692
FEB	---	AUG	0
MAR	3 420	SEP	0
APR	8 420	OCT	557
MAY	5 310	NOV	---
JUN	2 560	DEC	---

TOTAL DISCHARGE, 21 000 dam³

WHITESAND RIVER NEAR SPRINGSIDE - STATION NO. 05MB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0918	0.3688	0.572	1.09	1.13	0.007	0	0.011	0.1238	---	1
2	---	---	0.0918	0.5038	0.467	1.05	1.04	0.001	0	0.016	0.1238	---	2
3	---	---	0.0918	0.9448	0.435	0.912	0.981	0	0	0.024	0.1238	---	3
4	---	---	0.0918	1.308	0.425	0.732	0.888	0	0	0.020	0.1238	---	4
5	---	---	0.0908	1.848	0.467	0.674	0.700	0.028	0	0.014	0.1238	---	5
6	---	---	0.0908	1.918	0.508	0.689	0.549	0.070	0	0.015	---	---	6
7	---	---	0.0908	1.938	0.476	0.829	0.403	0.028	0	0.017	---	---	7
8	---	---	0.0888	1.96	0.425	0.888	0.388	0.019	0	0.023	---	---	8
9	---	---	0.0888	2.01	0.404	0.838	0.358	0.025	0	0.022	---	---	9
10	---	---	0.0888	2.00	0.407	0.796	0.312	0.014	0	0.021	---	---	10
11	---	---	0.0888	1.88	0.898	0.799	0.259	0.007	0	0.029	---	---	11
12	---	---	0.0888	1.81	1.25	0.759	0.218	0.001	0	0.031	---	---	12
13	---	---	0.0888	1.83	1.80	0.675	0.185	0	0	0.032	---	---	13
14	---	---	0.0888	1.78	1.93	0.619	0.137	0	0	0.045	---	---	14
15	---	---	0.0888	1.85	1.82	0.571	0.140	0	0	0.064	---	---	15
16	---	---	0.0908	1.97	1.98	0.572	0.104	0	0	0.082	---	---	16
17	---	---	0.0908	1.49	2.65	0.686	0.071	0	0	0.102	---	---	17
18	---	---	0.0908	1.30	2.67	0.764	0.052	0	0	0.111	---	---	18
19	---	---	0.0908	1.20	2.20	0.812	0.032	0	0	0.120	---	---	19
20	---	---	0.0908	1.13	1.82	0.534	0.024	0	0	0.127	---	---	20
21	---	---	0.0958	1.13	1.95	0.546	0.020	0	0	0.130	---	---	21
22	---	---	0.1308	1.11	1.88	0.674	0.013	0	0	0.131	---	---	22
23	---	---	0.2008	1.08	1.68	1.18	0.008	0	0.025	0.130	---	---	23
24	---	---	0.2508	1.07	1.73	1.02	0.005	0	0.009	0.1298	---	---	24
25	---	---	0.4108	1.13	1.72	0.882	0.004	0	0.004	0.1288	---	---	25
26	---	---	0.4808	1.11	1.58	0.912	0.002	0	0.005	0.1278	---	---	26
27	---	---	0.4528	1.04	1.45	0.840	0	0	0.005	0.1268	---	---	27
28	---	---	0.3918	1.03	1.32	0.823	0	0	0.008	0.1258	---	---	28
29	---	0.0918	0.3798	0.784	1.21	0.882	0	0	0.005	0.1248	---	---	29
30	---	---	0.3988	0.613	1.18	1.02	0	0	0.006	0.1248	---	---	30
31	---	---	0.3788		1.18		0	0		0.1248		---	31
TOTAL	---	---	5.389	40.272	40.634	23.958	7.958	0.201	0.065	2.334	---	---	TOTAL
MEAN	---	---	0.174	1.34	1.31	0.799	0.257	0.006	0.002	0.075	---	---	MEAN
MAX	---	---	0.480	2.01	2.67	1.18	1.13	0.070	0.025	0.131	---	---	MAX
MIN	---	---	0.088	0.388	0.404	0.534	0	0	0	0.011	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.493
MAXIMUM DAILY, 2.67 ON MAY 18
MINIMUM DAILY, 0 ON JUL 27
MAXIMUM INSTANTANEOUS,
2.77 AT 05:43 CST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 23 50 N
LONG 102 44 12 W
DRAINAGE AREA, 2.650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	688
FEB	---	AUG	17.4
MAR	486	SEP	6.82
APR	3 880	OCT	262
MAY	3 510	NOV	---
JUN	2 070	DEC	---

TOTAL DISCHARGE, 10 400 dam³

WILCOX MAIN DITCH NEAR WILCOX - STATION NO. 05JE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 0788	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0 0238	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 0058	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0 002	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0 001	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0 133	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0 067	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0 004	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 0158	0	0	0	0	0	0	0	---	---	19
20	---	---	0 0798	0	0	0	0	0	0	0	---	---	20
21	---	---	0 0828	0	0	0	0	0	0	0	---	---	21
22	---	---	0 0558	0	0	0	0	0	0	0	---	---	22
23	---	---	0 0308	0	0	0	0	0	0	0	---	---	23
24	---	---	0 0708	0	0	0	0	0	0	0	---	---	24
25	---	---	0 0408	0	0	0	0	0	0	0	---	---	25
26	---	---	0 0158	0	0	0	0	0	0	0	---	---	26
27	---	---	0 0058	0	0	0	0	0	0	0	---	---	27
28	---	---	0 0058	0	0	0	0	0	0	0	---	---	28
29	---	---	0 0058	0	0	0	0	0	0	0	---	---	29
30	---		0 0138	0	0	0	0	0	0	0	---	---	30
31	---		0 0188		0		0	0		0	---	---	31
TOTAL	---	---	0 486	0 313	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0 016	0 010	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0 082	0 133	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 003
MAXIMUM DAILY, 0 133 ON APR 6
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
0 1718 AT 16 20 CST ON MAR 20

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 03 41 N
LONG 104 46 53 W

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	42 0	SEP	0
APR	27 0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 69 0 dam³

WILLIAM RIVER ABOVE CARSWELL RIVER - STATION NO 07MA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9 108	8 828	11 28	11 98	20 9E	15 5	12 6	14 0	16 7E	17 6E	26 28	17 6 B	1
2	9 078	8 858	11 28	12 08	20 8E	15 1	13 3	13 6	16 6E	17 7E	25 48	17 3 B	2
3	9 048	8 888	11 28	12 28	20 7E	15 4	14 5	13 3	16 9E	17 7E	24 98	17 2 B	3
4	9 028	9 008	11 28	12 48	20 5E	15 8	13 3	12 7	17 0E	17 8E	23 58	17 1 B	4
5	9 008	9 058	11 28	12 68	20 4E	15 8	12 7	12 3	17 0E	17 9E	23 78	17 0 B	5
6	8 988	9 138	11 28	12 98	20 2E	15 5	12 1	12 0	17 1E	17 9E	23 88	16 4 B	6
7	8 968	9 208	11 28	13 28	20 0E	15 2	11 9	11 9	17 4E	17 9E	21 98	16 0 B	7
8	8 948	9 278	11 28	13 58	19 8E	14 7	12 3	11 6	17 6E	17 9E	22 18	16 0 B	8
9	8 928	9 348	11 28	13 88	19 6E	14 5	13 1	11 5	18 0E	18 0E	21 38	16 2 B	9
10	8 908	9 408	11 28	14 28	19 5E	14 2	14 7	11 6	18 2E	17 6E	20 78	15 8 B	10
11	8 888	9 508	11 38	14 68	19 3E	14 4	14 7	11 8	18 5E	17 2A	21 68	15 4 B	11
12	8 868	9 808	11 38	15 18	19 2E	14 4	15 0	12 2	18 7E	17 0	22 08	14 7 B	12
13	8 848	9 808	11 38	15 68	19 1E	13 8	15 1	12 3	18 9E	18 1	21 98	13 9 B	13
14	8 828	9 958	11 38	16 18	19 1E	13 8	15 0	14 2	19 0E	19 0	21 58	13 7 B	14
15	8 808	10 1 B	11 38	16 78	18 8E	13 7	15 1	14 1	19 2E	20 3	21 28	13 4 B	15
16	8 788	10 2 B	11 38	17 28	18 7E	13 6	15 4	14 2	19 3E	20 6	21 08	13 6 B	16
17	8 768	10 5 B	11 38	17 88	18 6E	13 4	15 6	14 8	19 1E	21 7	20 88	12 9 B	17
18	8 748	10 6 B	11 48	18 48	18 5E	13 4	15 3	15 0	18 9E	22 1	20 58	12 2 B	18
19	8 728	10 7 B	11 48	18 98	18 3E	14 3	15 0	16 1	18 7E	22 9	20 28	12 3 B	19
20	8 708	10 8 B	11 48	19 5E	18 1E	14 8	14 6	16 8	18 5E	23 9	20 08	12 3 B	20
21	8 708	10 9 B	11 48	19 9E	17 9E	14 8	14 6	17 4	18 0E	25 4	19 88	12 4 B	21
22	8 708	11 0 B	11 48	20 2E	17 8E	14 7	15 7	17 4	17 3E	25 8	19 68	12 4 B	22
23	8 708	11 0 B	11 48	20 5E	17 7E	14 6	16 6	17 2	17 2E	25 8	19 48	12 3 B	23
24	8 708	11 1 B	11 48	20 8E	17 6A	14 1	17 1	17 1	17 3E	23 68	19 28	11 5 B	24
25	8 708	11 1 B	11 48	20 9E	17 3	13 9	17 0	16 8	17 5E	21 28	19 08	10 7 B	25
26	8 708	11 1 B	11 48	21 0E	17 0	13 9	16 9	16 7	17 5E	22 08	18 78	9 858	26
27	8 728	11 1 B	11 48	21 0E	16 7	13 5	16 4	16 4	17 5E	21 88	18 48	9 638	27
28	8 748	11 2 B	11 58	21 0E	16 4	13 2	15 9	17 0	17 5E	20 08	18 18	9 278	28
29	8 768	11 2 B	11 68	21 0E	16 4	13 0	15 8	16 7	17 5E	17 18	18 08	8 838	29
30	8 788		11 78	21 0E	16 0	13 3	15 1	16 7E	17 6E	21 98	17 88	8 858	30
31	8 808		11 88		15 7		14 6	16 7E		25 78		9 068	31
TOTAL	273 63	292 38	351 7	505 9	576 5	430 5	456 8	462 1	536 4	631 5	632 2	415 80	TOTAL
MEAN	8 83	10 1	11 3	16 9	18 6	14 4	14 7	14 6	17 9	20 4	21 1	13 4	MEAN
MAX	9 10	11 2	11 8	21 0	20 9	15 8	17 1	17 4	19 3	25 8	26 2	17 6	MAX
MIN	8 70	8 82	11 2	11 9	15 7	13 0	11 9	11 5	16 7	17 0	17 8	8 83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15 2
MAXIMUM DAILY, 26 28 ON NOV 1
MINIMUM DAILY, 8 708 ON JAN 20

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 46 50 N
LONG 105 00 10 W
DRAINAGE AREA, 4 030 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 700	JUL	39 500
FEB	25 300	AUG	39 100
MAR	30 400	SEP	45 300
APR	43 700	OCT	54 600
MAY	49 600	NOV	54 600
JUN	37 200	DEC	35 900

TOTAL DISCHARGE, 480 000 dam³

WILLOW BROOK AT WILLOWBROOK - STATION NO. 05MB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.0018	0	0	0	0	0	0	---	---	1
2	---	---	0 B	0.0018	0	0	0	0	0	0	---	---	2
3	---	---	0 B	0 A	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0	0	0	0	0	0	0	---	---	21
22	---	---	0 B	0	0	0	0	0	0	0	---	---	22
23	---	---	0 B	0	0	0	0	0	0	0	---	---	23
24	---	---	0 B	0	0	0	0	0	0	0	---	---	24
25	---	---	0 B	0	0	0	0	0	0	0	---	---	25
26	---	---	0 B	0	0	0	0	0	0	0	---	---	26
27	---	---	0.0018	0	0	0	0	0	0	0	---	---	27
28	---	---	0.0028	0	0	0	0	0	0	0	---	---	28
29	---	---	0.0028	0	0	0	0	0	0	0	---	---	29
30	---	---	0.0028	0	0	0	0	0	0	0	---	---	30
31	---		0.0018		0		0	0		0		---	31
TOTAL	---	---	0.008	0.002	0	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0	0	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.002	0.001	0	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.0028 ON MAR 28
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 12 20 N
LONG 102 48 05 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	0.88	SEP	0
APR	0.17	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 0.85 dam³

WILLOWS COULEE RESERVOIR - STATION NO. 05JD005

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	887.114	887.577	887.468	887.286	887.131	886.882	886.594	886.458	886.359	---	1
2	---	---	887.113	887.575	887.442	887.255	887.121	886.857	886.591	886.454	886.355	---	2
3	---	---	887.113	887.577	887.440	887.247	887.115	886.859	886.584	886.451	886.353	---	3
4	---	---	887.113	887.576	887.436	887.240	887.109	886.854	886.577	886.448	886.351	---	4
5	---	---	887.111	887.578	887.432	887.234	887.101	886.847	886.570	886.444	886.349	---	5
6	---	---	887.108	887.578	887.431	887.241	887.091	886.839	886.563	886.440	886.347	---	6
7	---	---	887.108	887.578	887.430	887.242	887.085	886.828	886.757	886.437	886.346A	---	7
8	---	---	887.106	887.577	887.425	887.238	887.077	886.813	886.559	886.433	---	---	8
9	---	---	887.105	887.578	887.418	887.230	887.068	886.803	886.554	886.428	---	---	9
10	---	---	887.102	887.577	887.414	887.225	887.060	886.795	886.549	886.425	---	---	10
11	---	---	887.100	887.576	887.409	887.222	887.053	886.785	886.543	886.422	---	---	11
12	---	---	887.100	887.570	887.405	887.222	887.044	886.780	886.538	886.419	---	---	12
13	---	---	887.099	887.586	887.401	887.219	887.036	886.778	886.533	886.414	---	---	13
14	---	---	887.102	887.583	887.393	887.213	887.024	886.789	886.528	886.408	---	---	14
15	---	---	887.100	887.558	887.385	887.210	887.015	886.759	886.522	886.400	---	---	15
16	---	---	887.098	887.553	887.383	887.204	887.005	886.752	886.515	886.400	---	---	16
17	---	---	887.094	887.545	887.382	887.197	886.993	886.741	886.507	886.393	---	---	17
18	---	---	887.093	887.535	887.368	887.188	886.982	886.733	886.502	886.381	---	---	18
19	---	---	887.108	887.528	887.361	887.181	886.973	886.725	886.495	886.385	---	---	19
20	---	---	887.222	887.522	887.355	887.188	886.962	886.716	886.492	886.388	---	---	20
21	---	886.882A	887.345	887.515	887.348	887.188	886.953	886.704	886.494	886.386	---	---	21
22	---	886.900	887.375	887.511	887.336	887.201	886.941	886.694	886.494	886.381	---	---	22
23	---	886.968	887.380	887.505	887.332	887.187	886.931	886.686	886.491	886.378	---	---	23
24	---	887.091	887.386	887.497	887.323	887.181	886.923	886.674	886.487	886.374	---	---	24
25	---	887.115	887.402	887.490	887.316	887.184	886.916	886.669	886.486	886.370	---	---	25
26	---	887.114	887.410	887.486	887.309	887.177	886.910	886.661	886.481	886.370	---	---	26
27	---	887.115	887.456	887.478	887.303	887.186	886.897	886.651	886.476	886.376	---	---	27
28	---	887.113	887.508	887.465	887.298	887.182	886.884	886.634	886.471	886.374	---	---	28
29	---	887.113	887.560	887.459	887.292	887.150	886.878	886.618	886.467	886.371	---	---	29
30	---		887.575	887.453	887.285	887.140	886.876	886.604	886.463	886.367	---	---	30
31	---		887.577		887.277		886.870	886.597		886.363		---	31
MEAN	---	---	887.232	887.536	887.373	887.208	887.001	886.745	886.523	886.405	---	---	MEAN
MAX	---	---	887.577	887.578	887.468	887.286	887.131	886.882	886.594	886.458	---	---	MAX
MIN	---	---	887.093	887.453	887.277	887.140	886.870	886.597	886.463	886.363	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 887.578 ON APR 7

MAXIMUM INSTANTANEOUS,
887.580 AT 00:37 CST ON APR 8

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 32 N
LONG 105 50 38 W

A - MANUAL GAUGE

REGULATED

WIWA CREEK NEAR ST. ROSWELLS - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0.055	0.002	0	0	0	0	0	---	---	1
2	---	---	0 B	0.045	0.001	0	0	0	0	0	---	---	2
3	---	---	0 B	0.035	0	0	0	0	0	0	---	---	3
4	---	---	0 B	0.029	0	0	0	0	0	0	---	---	4
5	---	---	0 B	0.026	0	0	0	0	0	0	---	---	5
6	---	---	0 B	0.020	0	0	0	0	0	0	---	---	6
7	---	---	0 B	0.016	0	0	0	0	0	0	---	---	7
8	---	---	0 B	0.014	0	0	0	0	0	0	---	---	8
9	---	---	0 B	0.013	0	0	0	0	0	0	---	---	9
10	---	---	0 B	0.014	0	0	0	0	0	0	---	---	10
11	---	---	0 B	0.013	0	0	0	0	0	0	---	---	11
12	---	---	0 B	0.012	0	0	0	0	0	0	---	---	12
13	---	---	0 B	0.012	0	0	0	0	0	0	---	---	13
14	---	---	0 B	0.011	0	0	0	0	0	0	---	---	14
15	---	---	0 B	0.010	0	0	0	0	0	0	---	---	15
16	---	---	0 B	0.008	0	0	0	0	0	0	---	---	16
17	---	---	0 B	0.008	0	0	0	0	0	0	---	---	17
18	---	---	0 B	0.043	0	0	0	0	0	0	---	---	18
19	---	---	0 B	0.051	0	0	0	0	0	0	---	---	19
20	---	---	0 B	0.043	0	0	0	0	0	0	---	---	20
21	---	---	0 B	0.035	0	0	0	0	0	0	---	---	21
22	---	---	0.015B	0.030	0	0	0	0	0	0	---	---	22
23	---	---	0.030B	0.023	0	0	0	0	0	0	---	---	23
24	---	---	0.050B	0.019	0	0	0	0	0	0	---	---	24
25	---	---	0.084	0.015	0	0	0	0	0	0	---	---	25
26	---	---	0.148	0.010	0	0	0	0	0	0	---	---	26
27	---	---	0.105	0.007	0	0	0	0	0	0	---	---	27
28	---	---	0.081	0.004	0	0	0	0	0	0	---	---	28
29	---	---	0.087	0.004	0	0	0	0	0	0	---	---	29
30	---		0.107	0.003	0	0	0	0	0	0	---	---	30
31	---		0.089		0		0	0		0		---	31
TOTAL	---	---	0.774	0.626	0.003	0	0	0	0	0	---	---	TOTAL
MEAN	---	---	0.025	0.021	0	0	0	0	0	0	---	---	MEAN
MAX	---	---	0.148	0.055	0.002	0	0	0	0	0	---	---	MAX
MIN	---	---	0	0.003	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.148 ON MAR 26
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
0.181 AT 20:30 CST ON MAR 25

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 04 05 N
LONG 106 45 18 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	96 9	SEP	0
APR	54 1	OCT	0
MAY	0 26	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE 151 dam³

WOLLASTON LAKE AT ROSS CHANNEL - STATION NO. 06DA001

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.364	28.321	28.281	28.251	28.335	28.408	28.441	28.394	28.278	28.152	28.086	28.104	1
2	28.361	28.321	28.283	28.246	28.335	28.409	28.415	28.389	28.269	28.161	28.095	28.100	2
3	28.359	28.322	28.283	28.240	28.336	28.417	28.404	28.383	28.263	28.151	28.095	28.105	3
4	28.357	28.319	28.275	28.242	28.339	28.421	28.404	28.380	28.275	28.184	28.097	28.098	4
5	28.353	28.319	28.271	28.232	28.337	28.430	28.408	28.377	28.276	28.170	28.098	28.098	5
6	28.361	28.318	28.267	28.232	28.341	28.430	28.407	28.378	28.251	28.139	28.092	28.095	6
7	28.365	28.317	28.269	28.232	28.348	28.414	28.430	28.378	28.204	28.165	28.086	28.104	7
8	28.362	28.313	28.272	28.246	28.351	28.409	28.417	28.382	28.251	28.184	28.091	28.099	8
9	28.360	28.316	28.272	28.241	28.347	28.421	28.385	28.368	28.251	28.151	28.094	28.103	9
10	28.355	28.309	28.268	28.257	28.348	28.417	28.400	28.378	28.245	28.150	28.093	28.094	10
11	28.351	28.317	28.268	28.251	28.349	28.412	28.404	28.381	28.235	28.157	28.086	28.088	11
12	28.344	28.311	28.261	28.246	28.350	28.416	28.405	28.363	28.231	28.161	28.089	28.090	12
13	28.347	28.313	28.257	28.243	28.354	28.416	28.405	28.385	28.232	28.162	28.088	28.090A	13
14	28.354	28.313	28.257	28.244	28.352	28.423	28.401	28.322	28.227	28.150	28.091	28.090E	14
15	28.346	28.311	28.254	28.243	28.346	28.419	28.401	28.348	28.236	28.148	28.109	28.090E	15
16	28.345	28.309	28.254	28.246	28.348	28.418	28.397	28.343	28.229	28.089	28.108	28.090E	16
17	28.343	28.307	28.251	28.248	28.356	28.418	28.405	28.342	28.223	28.093	28.105	28.090E	17
18	28.338	28.306	28.245	28.255	28.383	28.418	28.383	28.337	28.216	28.105	28.103	28.090E	18
19	28.338	28.305	28.253	28.252	28.388	28.415	28.394	28.337	28.214	28.148	28.101	28.090E	19
20	28.336	28.302	28.252	28.257	28.387	28.419	28.393	28.294	28.209	28.142	28.105	28.088E	20
21	28.334	28.299	28.253	28.282	28.389	28.420	28.410	28.318	28.208	28.148	28.110	28.088E	21
22	28.328	28.295	28.253	28.282	28.384	28.413	28.407	28.331	28.193	28.138	28.110	28.087E	22
23	28.332	28.292	28.255	28.303	28.380	28.413	28.407	28.325	28.186	28.124	28.110	28.088E	23
24	28.335	28.293	28.253	28.304	28.380	28.420	28.405	28.311	28.186	28.139	28.113	28.085E	24
25	28.329	28.293	28.258	28.307	28.383	28.423	28.413	28.311	28.173	28.181	28.109	28.085E	25
26	28.330	28.291	28.255	28.314	28.384	28.423	28.409	28.314	28.184	28.125	28.104	28.085E	26
27	28.324	28.287	28.258	28.319	28.385	28.432	28.408	28.304	28.182	28.108	28.102	28.085E	27
28	28.328	28.284	28.257	28.317	28.395	28.439	28.408	28.308	28.171	28.124	28.101	28.084E	28
29	28.327	28.280	28.255	28.327	28.395	28.422	28.400	28.273	28.181	28.086	28.105	28.083E	29
30	28.326		28.257	28.332	28.389	28.446	28.391	28.232	28.184	28.082	28.104	28.082E	30
31	28.332		28.254		28.400		28.393	28.368		28.090		28.081E	31
MEAN	28.345	28.306	28.261	28.267	28.366	28.420	28.405	28.339	28.219	28.137	28.100	28.092	MEAN
MAX	28.369	28.322	28.283	28.332	28.400	28.446	28.441	28.394	28.278	28.184	28.112	28.106	MAX
MIN	28.322	28.280	28.245	28.232	28.335	28.408	28.382	28.232	28.161	28.082	28.086	28.081	MIN

WATER LEVELS IN METRES

MEAN, 28.271
MAXIMUM DAILY, 28.446 ON JUN 30
MINIMUM DAILY, 28.081E ON DEC 31
MAXIMUM INSTANTANEOUS,
28.486 AT 22:57 CST ON JUN 30

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 58 28 50 N
LONG 103 15 50 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WOOD RIVER DIVERSION TO CHAPLIN LAKE - STATION NO. 05JC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.1948	1.01	0.424	0.080E	0E	0 E	0E	0 E	0.080B	---	1
2	---	---	0.1908	1.00	0.422	0.070E	0E	0 E	0E	0 A	0.080B	---	2
3	---	---	0.1808	0.980	0.403	0.080E	0E	0 E	0E	0 E	0.1108	---	3
4	---	---	0.1928	0.941	0.413	0.082E	0E	0 E	0E	0 E	0.1128	---	4
5	---	---	0.1848	0.913	0.411	0.048E	0E	0 E	0E	0 E	0.1158	---	5
6	---	---	0.1838	0.889	0.432	0.040E	0E	0 E	0E	0 E	0.1178	---	6
7	---	---	0.2018	0.855	0.397	0.035E	0E	0 E	0A	0 E	0.1208	---	7
8	---	---	0.2058	0.860	0.389	0.030E	0E	0 A	0E	0 E	0.1228	---	8
9	---	---	0.2058	0.880	0.388	0.025E	0E	0 E	0E	0 E	---	---	9
10	---	---	0.2098	0.839	0.480	0.022E	0E	0 E	0E	0 E	---	---	10
11	---	---	0.2178	0.826	0.450	0.018E	0E	0 E	0E	0 E	---	---	11
12	---	---	0.2228	0.811	0.344	0.014E	0A	0 E	0E	0 E	---	---	12
13	---	---	0.2238	0.784	0.330	0.011A	0E	0 E	0E	0 E	---	---	13
14	---	---	0.2388	0.782	0.320	0.008E	0E	0 020A	0E	0 E	---	---	14
15	---	---	0.2458	0.744	0.327	0.008E	0E	0 024A	0E	0 E	---	---	15
16	---	---	0.2238	0.720	0.280A	0.007E	0E	0 007A	0E	0 B	---	---	16
17	---	---	0.2228	0.690	0.280E	0.006E	0E	0 002A	0E	0 B	---	---	17
18	---	---	0.2359	0.665	0.243	0.005E	0E	0 E	0E	0 B	---	---	18
19	---	---	0.3188	0.643	0.230	0.005E	0E	0 E	0E	0 B	---	---	19
20	---	---	0.3488	0.600	0.215A	0.004E	0E	0 E	0E	0 B	---	---	20
21	---	---	0.3868	0.580	0.210A	0.004E	0E	0 E	0E	0 B	---	---	21
22	---	---	0.4448	0.555	0.205	0.003E	0E	0 E	0E	0 B	---	---	22
23	---	---	0.5848	0.535	0.200	0.003E	0E	0 E	0E	0 B	---	---	23
24	---	---	0.7568	0.515	0.193	0.002E	0E	0 E	0E	0 B	---	---	24
25	---	---	1.05 B	0.500	0.194	0.002E	0E	0 E	0E	0 B	---	---	25
26	---	0.1588	1.31	0.480	0.188	0.002E	0E	0 E	0E	0 0058	---	---	26
27	---	0.1708	1.30	0.460	0.159	0.001E	0E	0 E	0E	0 0138	---	---	27
28	---	0.1788	1.27	0.440	0.135	0.001E	0E	0 E	0E	0 0218	---	---	28
29	---	0.1888	1.20	0.419	0.124A	0.001E	0E	0 E	0E	0 0278	---	---	29
30	---		1.11	0.418	0.105E	0.001E	0E	0 E	0E	0 0368	---	---	30
31	---		1.02		0.090E		0E	0 E		0 0478	---	---	31
TOTAL	---	---	14.884	21.256	8.926	0.588	0	0.053	0	0.149	---	---	TOTAL
MEAN	---	---	0.480	0.709	0.288	0.019	0	0.002	0	0.005	---	---	MEAN
MAX	---	---	1.31	1.01	0.480	0.080	0	0.024	0	0.047	---	---	MAX
MIN	---	---	0.183	0.418	0.090	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.187
MAXIMUM DAILY, 1.31 ON MAR 26
MINIMUM DAILY, 0E ON JUL 1
MAXIMUM INSTANTANEOUS,
1.34 AT 09:39 CST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 46 N
LONG 106 21 31 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	4.58
MAR	1 280	SEP	0
APR	1 840	OCT	12.9
MAY	771	NOV	---
JUN	48.1	DEC	---

TOTAL DISCHARGE, 3 970 dam³

WOOD RIVER NEAR LAFLECHE - STATION NO 05JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0168	2.32	0.040	0.001	1.08	0	0	0	---	---	1
2	---	---	0.0678	1.71	0.038	0.001	0.786	0	0	0	---	---	2
3	---	---	0.1188	1.32	0.035	0.001	0.574	0	0	0	---	---	3
4	---	---	0.0588	1.04	0.031	0.001	0.410	0	0	0	---	---	4
5	---	---	0.0508	0.853	0.027	0.001	0.218	0	0	0	---	---	5
6	---	---	0.0458	0.745	0.023	0.001	0.116	0	0	0	---	---	6
7	---	---	0.0308	0.671	0.018	0.001	0.075	0	0	0	---	---	7
8	---	---	0.0268	0.622	0.015	0.001	0.055	0	0	0	---	---	8
9	---	---	0.0268	0.582	0.013	0.001	0.077	0	0	0	---	---	9
10	---	---	0.0258	0.560	0.011	0.001	0.078	0	0	0	---	---	10
11	---	---	0.0248	0.514	0.009	0.001	0.072	0	0	0	---	---	11
12	---	---	0.0238	0.487	0.007	0.001	0.061	0	0	0	---	---	12
13	---	---	0.0228	0.485	0.007	0.001	0.051	0	0	0	---	---	13
14	---	---	0.0218	0.436	0.008	0.001	0.044	0	0	0	---	---	14
15	---	---	0.0218	0.402	0.007	0.001	0.037	0	0	0	---	---	15
16	---	---	0.0208	0.382	0.006	0.001	0.028	0	0	0	---	---	16
17	---	---	0.0208	0.302	0.003	0.001	0.015	0	0	0	---	---	17
18	---	---	0.0518	0.250	0.002	0.001	0.011	0	0	0	---	---	18
19	---	---	0.0638	0.207	0.002	0.001	0.006	0	0	0	---	---	19
20	---	---	0.1098	0.159	0.001	0.001	0.005	0	0	0	---	---	20
21	---	---	0.2748	0.133	0.001	0.001	0.005	0	0	0	---	---	21
22	---	---	0.4228	0.117	0.001	5.49	0.004	0	0	0	---	---	22
23	---	---	0.5318	0.103	0.001	15.7	0.003	0	0	0	---	---	23
24	---	---	3.53 B	0.087	0.001	9.32	0.002	0	0	0	---	---	24
25	---	---	5.64 B	0.076	0.001	5.97	0.001	0	0	0	---	---	25
26	---	---	5.06 B	0.066	0.001	4.11	0	0	0	0	---	---	26
27	---	---	4.27 B	0.057	0.001	3.87	0	0	0	0	---	---	27
28	---	---	4.05 B	0.052	0.031	2.07	0	0	0	0	---	---	28
29	---	---	3.69	0.047	0.001	1.63	0	0	0	0	---	---	29
30	---		3.18	0.043	0.001	1.37	0	0	0	0	---	---	30
31	---		2.79		0.001		0	0		0		---	31
TOTAL	---	---	34.363	14.792	0.315	48.551	3.832	0	0	0	---	---	TOTAL
MEAN	---	---	1.11	0.493	0.010	1.65	0.124	0	0	0	---	---	MEAN
MAX	---	---	5.64	2.32	0.040	15.7	1.08	0	0	0	---	---	MAX
MIN	---	---	0.016	0.043	0.001	0.001	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.420
MAXIMUM DAILY, 15.7 ON JUN 23
MINIMUM DAILY, 0 ON JUL 28
MAXIMUM INSTANTANEOUS,
18.3 AT 01:57 CST ON JUN 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 01 N
LONG 106 41 33 W
DRAINAGE AREA, 4 720 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	331
FEB	---	AUG	0
MAR	2 970	SEP	0
APR	1 280	OCT	0
MAY	27.2	NOV	---
JUN	4 280	DEC	---

TOTAL DISCHARGE, 8 890 dam³

YELLOW GRASS DITCH NEAR YELLOW GRASS - STATION NO 05NB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0.580	OE	0 E	0.0258	0.161A	0.022E	0.006	---	---	1
2	---	---	0	0.442	OE	0 E	0.0218	0.743	0.018E	0.005	---	---	2
3	---	---	0	0.383	OE	0 E	0.0188	0.584	0.015E	0.002	---	---	3
4	---	---	0	0.348	OE	0 E	0.016E	3.07	0.013E	0.007	---	---	4
5	---	---	0	0.374	OE	0 E	0.014E	4.46	0.010E	0.029	---	---	5
6	---	---	0	0.370	OE	0 E	0.013E	4.20	0.008E	0.035	---	---	6
7	---	---	0	0.272	OE	0 E	0.010E	3.82	0.007E	0.013	---	---	7
8	---	---	0	0.133	OE	0 E	0.008E	3.02	0.008E	0	---	---	8
9	---	---	0	0.100	OE	0 E	0.007E	2.40	0.005E	0	---	---	9
10	---	---	0	0.108	OE	0 E	0.006E	2.26	0.004E	0	---	---	10
11	---	---	0	0.084	OE	0 E	0.005E	1.84	0.003E	0	---	---	11
12	---	---	0	0.079	OE	0 E	0.004E	1.37	0.003E	0.001	---	---	12
13	---	---	0	0.058	OE	0 E	0.003E	1.11	0.003E	0.003	---	---	13
14	---	---	0	0.038	OE	0 E	0.002E	0.837	0.002E	0	---	---	14
15	---	---	0	0.019A	OE	0 E	0.002E	0.535	0.001E	0.020	---	---	15
16	---	---	0	0.014E	OE	0 E	0.001E	0.410	0.001E	0.025	---	---	16
17	---	---	0	0.011E	OE	0 E	0.001E	0.274	0 E	0	---	---	17
18	---	---	0	0.008E	OE	0 E	0.001E	0.198	0 E	0	---	---	18
19	---	---	0	0.008E	OE	0 E	0 E	0.155	0 E	0	---	---	19
20	---	---	0	0.007E	OE	0 E	0 E	0.141	0 A	0	---	---	20
21	---	---	0	0.008E	OE	0.036A	0 E	0.113	0	0	---	---	21
22	---	---	0	0.005E	OE	0.135	0 E	0.070	0.013	0.005	---	---	22
23	---	---	0	0.004E	OE	0.113	0 A	0.048	0	0.017	---	---	23
24	---	---	0.002	0.003E	OE	0.148	0 E	0.059	0.003	0.060	---	---	24
25	---	---	0.100	0.003A	OE	0.182	0 E	0.038	0.003	0.035	---	---	25
26	---	---	0.085	0.001E	OE	0.120	0 E	0.032	0.003	0.083	---	---	26
27	---	---	0.300	0 A	OE	0.073	0 E	0.026	0.005	0.016	---	---	27
28	---	---	1.86	0 E	OA	0.045	0 E	0.019	0.007	0.0058	---	---	28
29	---	---	1.65	0 E	OE	0.024E	0 E	0.042	0.006	0.0028	---	---	29
30	---	---	0.933	0 E	OE	0.033A	0.007A	0.035	0	0 W	---	---	30
31	---	---	0.761		OE		0.017A	0.027		0 B		---	31
TOTAL	---	---	5.251	3.221	0	0.889	0.180	33.121	0.159	0.352	---	---	TOTAL
MEAN	---	---	0.169	0.107	0	0.030	0.006	1.04	0.005	0.011	---	---	MEAN
MAX	---	---	1.86	0.580	0	0.182	0.025	4.46	0.022	0.083	---	---	MAX
MIN	---	---	0		0	0	0	0.018	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.172
MAXIMUM DAILY, 4.46 ON AUG 5
MINIMUM DAILY, 0 ON MAR 1
MAXIMUM INSTANTANEOUS,
4.93 AT 10 90 CST ON AUG 5

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 47 11 N
LONG 104 02 16 W
DRAINAGE AREA, 1 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	15 6
FEB	---	AUG	2 780
MAR	454	SEP	13 7
APR	278	OCT	30 4
MAY	0	NOV	---
JUN	76 8	DEC	---

TOTAL DISCHARGE, 3 650 dam³

YORK LAKE NEAR YORKTON - STATION NO 05NB014

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	511.702	511.645	511.497	---	---	---	---	1
2	---	---	---	---	---	---	511.664	---	511.321	---	---	---	2
3	---	---	---	---	511.592	511.640	511.633	511.481	---	---	---	---	3
4	---	---	---	---	---	511.682	511.631	---	511.321	---	---	---	4
5	---	---	---	---	---	511.678	511.631	---	---	---	---	---	5
6	---	---	---	---	---	511.677	---	---	---	---	---	---	6
7	---	---	---	---	---	511.688	511.611	511.477	511.316	---	---	---	7
8	---	---	---	---	---	511.686	511.609	511.457	---	---	---	---	8
9	---	---	---	---	511.738	---	---	511.457	---	---	---	---	9
10	---	---	---	---	511.702	511.678	---	---	511.315	---	---	---	10
11	---	---	---	---	511.717	511.677	511.609	---	---	---	---	---	11
12	---	---	---	---	511.702	511.662	511.607	511.441	511.330	---	---	---	12
13	---	---	---	---	511.722	511.672	---	511.433	---	---	---	---	13
14	---	---	---	---	---	---	---	---	511.327	---	---	---	14
15	---	---	---	---	511.722	511.680	511.583	511.428	---	---	---	---	15
16	---	---	---	---	511.722	511.681	---	---	---	---	---	---	16
17	---	---	---	---	511.752	---	511.583	511.419	511.319	---	---	---	17
18	---	---	---	---	511.712	---	---	---	---	---	---	---	18
19	---	---	---	---	511.708	511.682	511.585	---	---	---	---	---	19
20	---	---	---	---	---	511.680	---	511.403	511.316	---	---	---	20
21	---	---	---	---	511.710	511.682	---	---	---	---	---	---	21
22	---	---	---	---	511.710	511.683	---	511.383	---	---	---	---	22
23	---	---	---	---	511.709	511.674	511.532	511.401	---	---	---	---	23
24	---	---	---	---	---	511.678	511.519	511.391	511.365	---	---	---	24
25	---	---	---	---	511.714	511.671	511.503	---	---	---	---	---	25
26	---	---	---	---	511.714	---	511.503	---	---	---	---	---	26
27	---	---	---	---	511.732	---	---	---	---	---	---	---	27
28	---	---	---	---	---	511.667	---	511.388	---	---	---	---	28
29	---	---	---	---	511.702	511.684	511.483	---	---	---	511.386	---	29
30	---		---	---	511.702	511.657	511.501	---	511.382	---	---	---	30
31	---		---		511.702		511.489	511.362		---		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 511.782 ON MAY 17

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - MANUAL
LOCATION - LAT 51 09 57 N
LONG 102 29 53 W
DATA CONTRIBUTED BY -
SASKATCHEWAN DEPARTMENT OF THE ENVIRONMENT

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

YORKTON CREEK NEAR EBENEZER - STATION NO 05MB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.0348	1.08 B	0.585	0.186	0.071	0.098	0.006	0.089	0.0338	---	1
2	---	---	0.0348	0.916	0.516	0.152	0.059	0.122	0.003	0.075	0.0298	---	2
3	---	---	0.0338	0.814	0.457	0.135	0.046	0.122	0	0.083	0.0358	---	3
4	---	---	0.0338	0.729	0.429	0.109	0.037	0.106	0	0.102	0.0468	---	4
5	---	---	0.0338	0.628	0.387	0.077	0.027	0.094	0.001	0.095	0.0488	---	5
6	---	---	0.0328	0.673	0.423	0.083	0.030	0.088	0	0.106	0.0478	---	6
7	---	---	0.0328	0.522	0.427	0.134	0.044	0.068	0	0.148	---	---	7
8	---	---	0.0328	0.409	0.418	0.185	0.046	0.067	0	0.249	---	---	8
9	---	---	0.0328	0.332	0.382	0.162	0.041	0.051	0	0.141	---	---	9
10	---	---	0.0328	0.281	0.325	0.136	0.036	0.038	0.003	0.084	---	---	10
11	---	---	0.0318	0.282	0.343	0.109	0.033	0.025	0.013	0.056	---	---	11
12	---	---	0.0318	0.304	0.361	0.089	0.035	0.024	0.024	0.047	---	---	12
13	---	---	0.0314	0.496	0.373	0.106	0.029	0.037	0.097	0.456	---	---	13
14	---	---	0.0318	0.386	0.350	0.114	0.022	0.039	0.143	0.134	---	---	14
15	---	---	0.0318	0.302	0.301	0.099	0.027	0.048	0.119	0.108	---	---	15
16	---	---	0.0308	0.248	0.228	0.106	0.024	0.048	0.116	0.167	---	---	16
17	---	---	0.0308	0.207	0.251	0.112	0.024	0.047	0.106	0.305	---	---	17
18	---	---	0.0308	0.194	0.387	0.123	0.019	0.044	0.084	0.193	---	---	18
19	---	---	0.0308	0.178	0.274	0.111	0.018	0.044	0.070	0.137	---	---	19
20	---	---	0.0308	0.312	0.361	0.135	0.024	0.045	0.081	0.182	---	---	20
21	---	---	0.0608	0.333	0.295	0.223	0.020	0.038	0.125	0.170	---	---	21
22	---	---	0.1208	0.345	0.256	0.205	0.015	0.041	0.438	0.146	---	---	22
23	---	---	0.2508	0.353	0.219	0.874	0.022	0.043	0.356	0.115	---	---	23
24	---	---	0.5008	0.332	0.213	0.586	0.026	0.027	0.222	0.1118	---	---	24
25	---	---	1.50 B	0.388	0.240	0.229	0.024	0.027	0.172	0.0808	---	---	25
26	---	---	3.00 B	0.427	0.289	0.210	0.022	0.026	0.146	0.1398	---	---	26
27	---	---	5.46 B	0.189	0.223	0.200	0.024	0.028	0.128	0.0868	---	---	27
28	---	---	4.31 B	0.247	0.197	0.153	0.015	0.023	0.112	0.0858	---	---	28
29	---	0.0348	2.42 B	0.414	0.175	0.107	0.007	0.013	0.102	0.0708	---	---	29
30	---	---	1.49 B	0.398	0.180	0.077	0.041	0.007	0.095	0.0548	---	---	30
31	---	---	1.14 B		0.155		0.048	0.007		0.0488	---	---	31
TOTAL	---	---	21.282	12.805	10.021	5.329	0.956	1.533	2.762	4.059	---	---	TOTAL
MEAN	---	---	0.687	0.427	0.323	0.178	0.031	0.049	0.092	0.131	---	---	MEAN
MAX	---	---	5.46	1.08	0.586	0.874	0.071	0.122	0.438	0.456	---	---	MAX
MIN	---	---	0.030	0.178	0.155	0.077	0.007	0.007	0	0.047	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.240
MAXIMUM DAILY, 5.460 ON MAR 27
MINIMUM DAILY, 0 ON SEP 3

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 50 N
LONG 102 30 11 W
DRAINAGE AREA, 2.320 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	82.6
FEB	---	AUG	132
MAR	1 840	SEP	239
APR	1 110	OCT	351
MAY	865	NOV	---
JUN	460	DEC	---

TOTAL DISCHARGE 5 080 dam³

NAME	STATION NO.	PAGE
ADAMS LAKE	11AB085	1
ALCOTT CREEK ABOVE MEADOW LAKE	05AD011	1
ALTAWAN RESERVOIR NEAR GOVENLOCK	11AB089	2
AMISK LAKE NEAR FLIN FLON	05KG003	2
ANGLIN LAKE RESERVOIR	05GG005	3
ANTELOPE CREEK NEAR CABRI	05NC005	3
ANTLER RIVER NEAR WAUCHOPE	05NF010	4
ARCOLA INDEX RESERVOIR	05NC006	4
ARM RIVER NEAR BETHUNE	05JH001	5
ASSINIBOINE RIVER AT KAMSACK	05MD004	5
ASSINIBOINE RIVER AT STURGIS	05MC001	6
AVONLEA CREEK NEAR ROULEAU	05JE005	6
AVONLEA INDEX RESERVOIR	05JE010	7
AVONLEA RESERVOIR NEAR AVONLEA	05JE007	7
BALLANTYNE RIVER ABOVE BALLANTYNE BAY	05KF001	8
BARRIER RIVER BELOW BARRIER LAKE	05LA006	8
BATTLE CREEK AT ALBERTA BOUNDARY	11AB117	9
BATTLE CREEK AT INTERNATIONAL BOUNDARY	11AB027	9
BATTLE CREEK BELOW NASHLYN PROJECT	11AB101	10
BATTLE CREEK BELOW WILSON'S WEIR	11AB118	10
BATTLE CREEK NEAR CONSUL	11AB096	11
BATTLE RIVER AT BATTLEFORD	05FF001	11
BEAR CREEK NEAR PIAPOT	05HA003	12
BEAVER CREEK AT INTERNATIONAL BOUNDARY	11AF005	12
BEAVER RIVER BELOW WATERHEN RIVER	06AG001	13
BEAVER RIVER NEAR DORINTOSH	06AD001	13
BECKETT BROOK NEAR FOAM LAKE	05MA022	14
BELANGER CREEK DIVERSION TO CYPRESS LAKE	11AC064	14
BIG GULLY CREEK NEAR MAIDSTONE	05EF005	15
BIG QUILL LAKE NEAR KANDAHAR	05MA010	15
BIG SANDY LAKE ON THE HANSON LAKE ROAD	05KF004	16
BIGSTONE LAKE NEAR LA RONGE	06CA004	16
BIRCH CREEK NEAR ELFROS	05MA011	17
BIRCH RIVER MARSH NEAR CUMBERLAND HOUSE	05KH014	17
BIRCH RIVER NEAR MANITOBA BOUNDARY	05KH013	18
BIRLING CREEK NEAR PAYNTON	05EG006	18
BISSETT CREEK NEAR CHOICELAND	05KE008	19
BLACKSTRAP RESERVOIR AT SOUTH SIDE OF CAUSEWAY	05HG014	19
BOGGY CREEK NEAR LUMSDEN	05JF008	20
BOUNDARY RESERVOIR NEAR ESTEVAN	05NB012	20
BOXELDER CREEK NEAR WALSH	05AH001	21
BRADWELL INLET CANAL ABOVE BRADWELL RESERVOIR	05HG010	21
BRADWELL RESERVOIR AT PUMP STATION	05HG013	22
BRIDGE CREEK AT GULL LAKE	05MA015	22
BRIGHTSAND LAKE NEAR ST. WALBURG	05EG010	23
BRIGHTWATER CREEK BELOW BRIGHTWATER RESERVOIR	05HG016	23
BRIGHTWATER CREEK NEAR KENASTON	05HG002	24
BRIGHTWATER CREEK NEAR PROCTOR LAKE	05HG020	24
BRIGHTWATER RESERVOIR AT RIPARIAN OUTLET	05HG006	25
BRODERICK IRRIGATION PROJECT MAIN CANAL BELOW PUMPING STATION	05HF007	25
BRODERICK RESERVOIR AT WEST EMBANKMENT	05HF017	26
BROKENSHELL CREEK NEAR TROSSACHS	05JE009	26
BUFFALO POUND LAKE AT PUMPING STATION	05JG009	27
BURNTOUT BROOK NEAR ARBORFIELD	05KB005	27
CANDLE LAKE AT CANDLE LAKE	05KE008	28
CANOE RIVER NEAR BEAUVAL	06BB005	28
CARROT RIVER NEAR ARMLEY	05KB003	29
CARROT RIVER NEAR KINISTINO	05KA001	29
CARROT RIVER NEAR SMOKY BURN	05KC001	30
CARROT RIVER NEAR TURNBERRY	05KH007	30
CHIPMAN RIVER ABOVE BLACK LAKE	07LC002	31
CHITEK LAKE AT CHITEK VILLAGE	06AD012	31
CHRISTOPHER LAKE NEAR CHRISTOPHER LAKE	05GG009	32
CHURCHILL RIVER ABOVE OTTER RAPIDS	06CD002	32
CHURCHILL RIVER AT SANDY BAY	06EA002	33
CHURCHILL RIVER NEAR PATUANAK	06BB003	33
CLEARWATER RIVER AT OUTLET OF LLOYD LAKE	07CD006	34
CODETTE RESERVOIR ABOVE THE SPILLWAY	05KD006	34
CONJURING CREEK NEAR PREECEVILLE	05MC004	35
CONNELL CREEK NEAR CONNELL CREEK	05KC002	35
COOKSON RESERVOIR NEAR CORONACH	11AE013	36
COTTONWOOD CREEK NEAR LUMSDEN	05JF011	36
COWAN LAKE NEAR HONEYMOON POINT	06AE002	37
CREE LAKE AT CABLE BAY	07LD001	37
CREE RIVER AT OUTLET OF WAPATA LAKE	07LD002	38
CREIGHTON TRIBUTARY NEAR TOTNES	05HF014	38
CROMARTY CREEK NEAR BIRCH HILLS	05NH002	39
CROOKED HILL CREEK NEAR CANORA	05MB006	39
CROOKED LAKE NEAR GRAYSON	05JM006	40
CRYSTAL CREEK NEAR IFFLEY	05EG004	40
CUMBERLAND LAKE NEAR CUMBERLAND HOUSE	05KH002	41
CUTARM CREEK NEAR SPY HILL	05JM015	41
CUTKNIFE CREEK NEAR CUTKNIFE	05FF003	42
CYPRESS LAKE	11AC037	42
CYPRESS LAKE EAST OUTFLOW CANAL	11AC060	43
CYPRESS LAKE WEST INFLOW CANAL	11AB078	43
CYPRESS LAKE WEST INFLOW CANAL DRAIN	11AB085	44
CYPRESS LAKE WEST OUTFLOW CANAL	11AB077	44
DEAD LAKE PROJECT - SOURIS RIVER CHANNEL	05NF029	45
DEAD LAKE RESERVOIR NEAR MIDALE	05NB022	45
DELARONDE LAKE NEAR BIG RIVER	06AE004	46
DELLWOOD RESERVOIR AT PUMP STATION	05JJ005	46
DENNIEL CREEK NEAR VAL MARIE	11AC025	47
DESCHAMBAULT LAKE ON THE HANSON LAKE ROAD	05KF003	47
DESCHARME RIVER BELOW DUPRE LAKE	07CD007	48
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DORE LAKE AT DORE LAKE	06AG003	49
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DOUGLAS RIVER NEAR CLUFF LAKE	07MA003	50
DOWNIE LAKE INFLOW CANAL	05HA070	50
DOWNIE LAKE RESERVOIR NEAR MAPLE CREEK	05HA064	51
DRAGLINE CHANNEL NEAR SQUAW RAPIDS	05KH011	51
DUCK CREEK NEAR KELVINGTON	05LA003	52
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EAST POPLAR RIVER ABOVE COOKSON RESERVOIR	11AE014	53
EAST POPLAR RIVER AT INTERNATIONAL BOUNDARY	11AE003	54
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EYEHILL CREEK NEAR MACKLIN	05GA007	59
FAHLMAN CREEK NEAR DAVIN	05JF008	59
FIFE LAKE NEAR LISIEUX	11AE016	60
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FOND DU LAC RIVER AT OUTLET OF BLACK LAKE	07LE002	62
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LAC LA RONGE AT LA RONGE	05EB001	84
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MAREAN LAKE NEAR CHELAN	05LB012	105
MCDONALD CREEK NEAR MCCORD	05JA003	105
MCDONALD TRIBUTARY NEAR TOTNES	05MF015	106
MCKINNON DITCH NEAR CONSUL	11AB044	106
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MIDDLE CREEK ABOVE LODGE CREEK	11AB008	107
MIDDLE CREEK BELOW MIDDLE CREEK RESERVOIR	11AB001	108
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